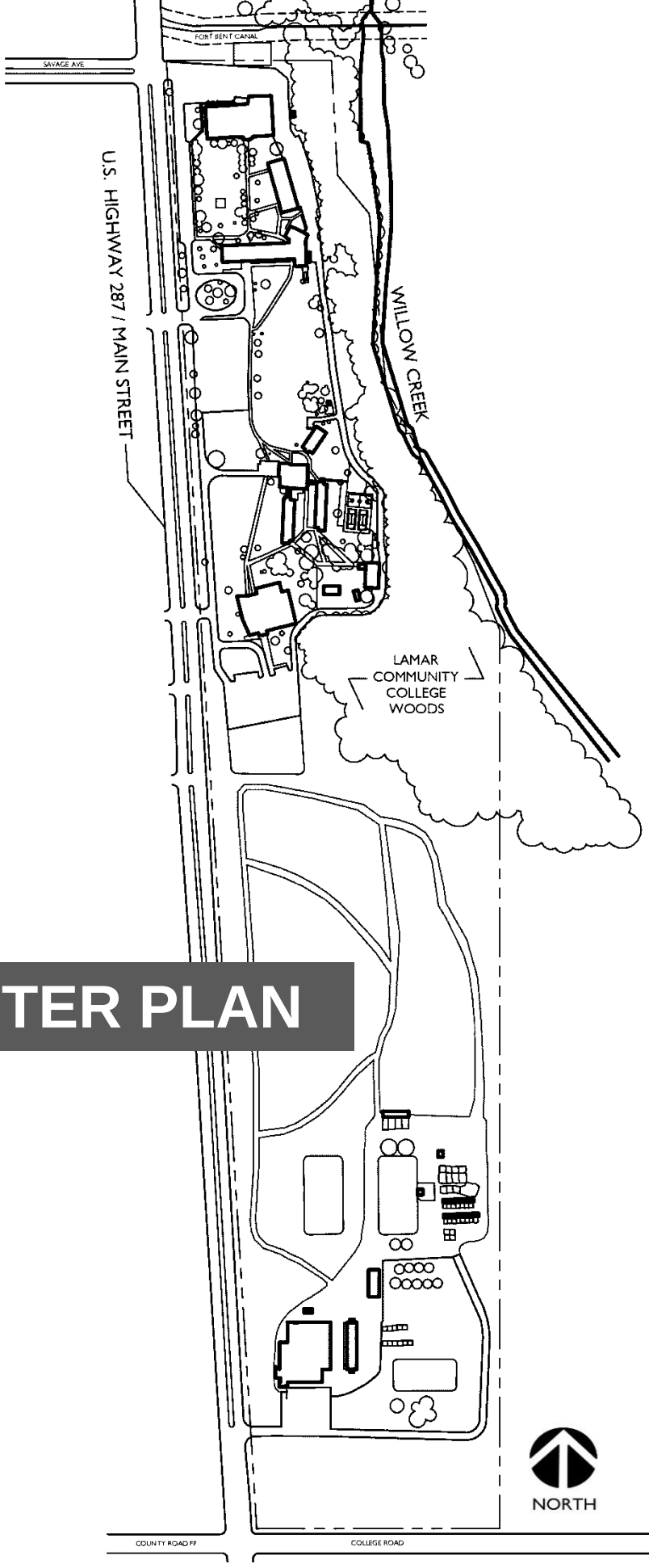

LAMAR COMMUNITY COLLEGE

FACILITIES MASTER PLAN

FINAL REPORT
November 28, 2018

HALL ARCHITECTS

IN ASSOCIATION WITH
PAULIEN & ASSOCIATES

ACKNOWLEDGMENTS

Hall Architects and Paulien & Associates wish to acknowledge the esteemed leadership of Lamar Community College, the Colorado State Board for Community Colleges and Occupational Education, and the Colorado Community College System.

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Kathy Henderson *Nursing / Allied Health Director*
Kelli Gaines *Title III Director*
Misti Fronterhouse *Executive Assistant to the President*

The Facilities Master Plan team is also indebted to the following LCC students, faculty and staff for their valued contributions:

Ava Bair *Accounting Technician*
Lance Bermudez
Computer Science / Business Instructor
Brooklyn Blundell
LCC Student Ambassador
Shayla Bogenhagen
LCC Student Ambassador
Susan Bowles *Nursing Instructor*
Doug Cash *Welding Instructor*
Dorothy Choat *Financial Aid*
Terry Comer *Security Officer*
Chuck Cook *Welding Instructor*
Tim Courkamp
Construction Trades Instructor
Colton Crawford
LCC Student Government Association Vice President
Rodd Dunn
Renewable Energies Instructor
Jim Farmer *Communication Instructor*
Dr. David Frankel
English Instructor
Breanna Grebin *EMB Instructor*
Tori Hawks *Recruiter*
Mitti Helm *Business Instructor*
Michal Herbert
Chef Manager, Sodexo
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Jonathan Hughes
Sports & Exercise Science Instructor
Morgan Jones *Nurse Aide Instructor*
Kendra King
Dept. Chair, Cosmetology Instructor
Jason Kravig *HTM Director*
Ellen Lovell *Library Technician - Retired*
Cougar Lesueur
LCC Student Ambassador
Terry Martin *Welding Instructor*
Sabino “Larry” Mata
Wellness Center Coordinator
Jessica Medina
Academic Services Coordinator
Laura Meisenheimer
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Eryah Mora
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Student / Resident Life Director
Val Reifschneider
Physical Science Instructor
Armani Robbins *LCC Student Ambassador*
Desiree Rose *LCC Student Ambassador*
Twiz Salis *LCC Student Ambassador*
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Curtis Tempel
AG Business Instructor
Amber Thompson
Student Services / Registrar
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Deon Williams *LCC Student Ambassador*
Nancy Winsor *Nursing Instructor*
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Developmental Studies Instructor

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Rob Batdorf *City of Lamar Water Department Director*
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Craig Brooks *City of Lamar Chief Building Official*
Angie Cue *City of Lamar Community Development Director, Main Street Executive Director*
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Darren Glover *Prowers Area Transit (PATS) Operation Director*
Michelle Hiigel *Prowers County Land Use Administrator*
Brian Long / Kelly Melogoza / Zachary Bay *CDOT*
Thuy Patton *Colorado Water Conservation Board*
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Carla Scranton *Prowers Economic Prosperity Business Manager*
John Sutherland *City of Lamar City Administrator*
Wiley Work *City of Lamar Professional Land Surveyor*

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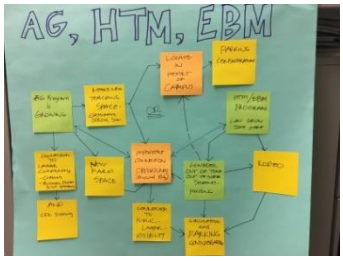
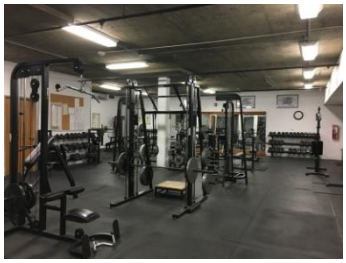
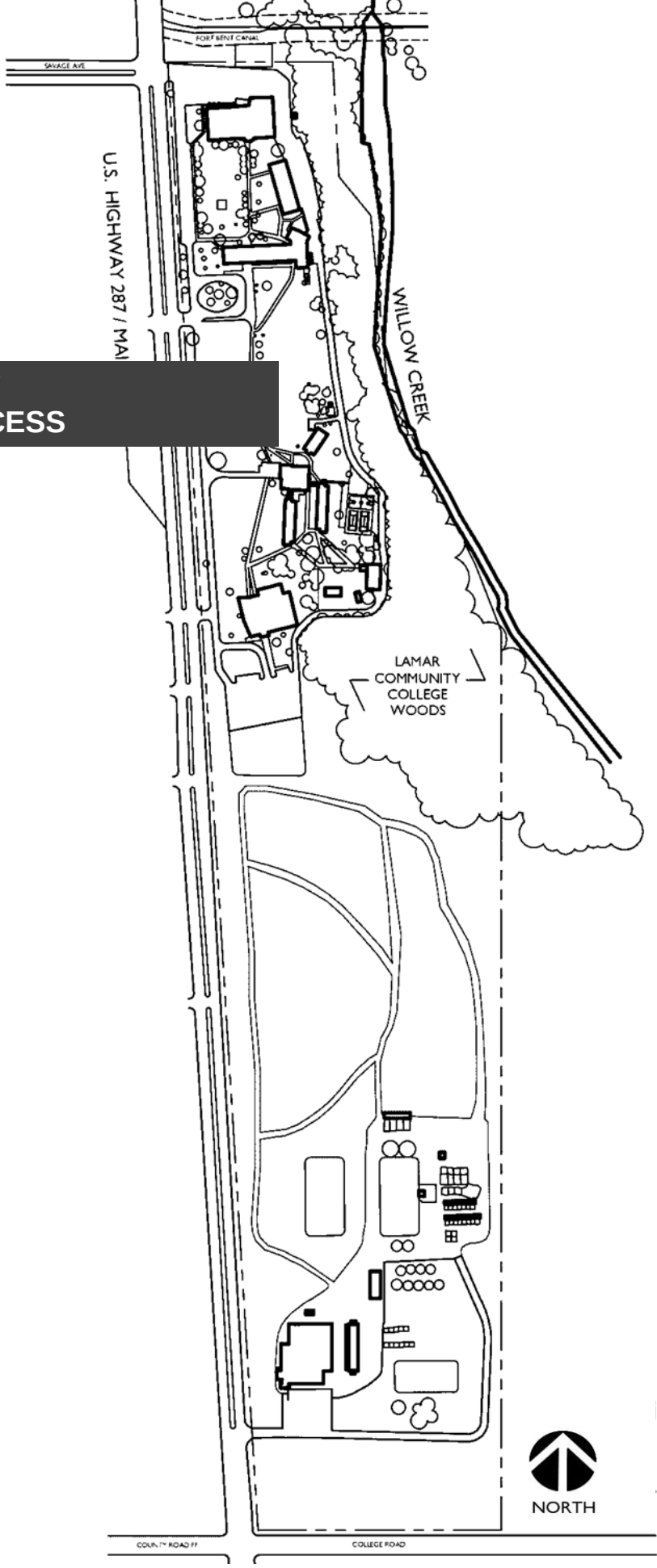




SECTION I. INTRODUCTION / PLANNING PROCESS



I. INTRODUCTION / PLANNING PROCESS

The Facilities Master Plan (FMP) for Lamar Community College (LCC) is a validation of the necessary process of periodic evaluation of the College's physical resources and environment in the framework of quality academic planning and delivery. This translates into a comprehensive and dynamic document that will guide purposeful decisions with regard to facility development into the future. This Facilities Master Plan is following the 2007 guidelines set by the Colorado Department of Higher Education (CDHE) in addition to the 2010 updated guidelines issued by the Colorado Community College System.

Campus image of Lamar Community College. Source: Lamar Community College.

Lamar Community College is one of the thirteen community colleges in the Colorado Community College System (CCCS), and recently passed its 80th year milestone. Its full-service campus is located in the City of Lamar, Colorado in Prowers County.

The previous Facilities Master Plan for LCC was published in 2008 by JBA-1 Incorporated. The target year presented by that plan was for the year 2018 with an anticipated 1.8% overall enrollment increase. Since that publication, there had been an overall steady decline (-23%) in total unduplicated headcount enrollment, amidst an overall decrease in area population (-17% for Lamar and -7.8% for Prowers County) due largely to the regional challenges of overcoming the recession in a largely rural area. Also, the State Demography office reports very little area growth for the next ten years. The College continues to excel in signature academic programs, such as Precision Agriculture and Horse Training and Management, as well as NJCAA athletics, all of which draw students from all over their four-county service area, as well as the state, nationally and abroad. As a steadfast and critical economic development partner with the City of Lamar and Prowers County, LCC is also anticipating meeting the needs of dire local industry shortages particularly in healthcare and construction, and potential growth associated with their Hispanic Serving Institution (HSI) focus and the addition of a soccer team. This LCC Facilities Master Plan is projecting a 10% on-campus enrollment increase for their anticipated Target Year 1 (approximately 2023), with an additional 10% on-campus increase for their anticipated Target Year 2 (approximately 2028), their long term horizon, translating into a 20.9% on-campus increase over the base year Fall 2017.

I.A. FACILITIES MASTER PLAN AUTHORS

This Facilities Master Plan effort began in April of 2018 and was finalized in October 2018. Prime Consultant Hall Architects of Colorado Springs and Consultant Paulien & Associates of Denver coordinated with LCC administrators, faculty, staff, and students, as well as officials with the City of Lamar and Prowers County. Moreover, numerous contributions from community leaders and stakeholders with Lamar Community College were likewise invaluable to this master plan effort. The planning team members from the office of Hall Architects included Angeline Aradanas-Hall, principal planner, Stephen Hall, Benjamin Kubczak, Ryan Coles, and consultant Rebecca Palmquist, Architect. The planning team members of Paulien and Associates included Steve Schonberger, senior planner and Sean Krummrich. Paulien and Associates' contributions included in-depth analysis of building scheduling and space utilizations, along with guideline-driven planning recommendations.

I.B. GENERAL PROCESS USED TO DEVELOP THE PLAN

The Consultants worked with Lamar Community College to obtain numerous documents in preparation of this Facilities Master Plan, including the 2008 Facilities Master Plan, program plans, and as-built documents. This information was used to help develop the facilities space inventory and initially document existing conditions. Through a series of meetings and campus site visits with leadership, academic and administrative personnel and student representatives, information was also collected on: academic programs – existing, newly established, and proposed; academic support and student services programs; respective program space deficiencies and needs. Meetings were held on campus to inform the LCC community at large about the Facilities Master Plan process, and to solicit comments / perceptions on the current use of building space and campus sites, and understanding the impacts of growth. From all available data received from LCC's Office of Institutional Effectiveness, Office of Instructional Support and Office of Human Resources, the Consultants also generated enrollment databases for space utilization analysis.

LCC President's Leadership Council: Master Plan Principles
LCC President Dr. Linda Lujan and the President's Leadership Council, a group of campus leaders, including the Vice Presidents, the Academic Dean, with academic and program directors, developed and identified the following Master Plan Principles. These were shared with the Facilities Master Plan team to guide discussions and planning with the LCC community throughout the planning process:

Principle 1: *Foster a positive, engaging student experience, in and out of the Classroom, to maximize student success*

Principle 2: *Optimize existing space to create a more contemporary learning and living environment*

Principle 3: *Create more spaces for collaborative learning and student engagement, as well as spaces that provide undisturbed individual study areas*

Principle 4: *Ensure employees have appropriate spaces to work, meet, and support student success*

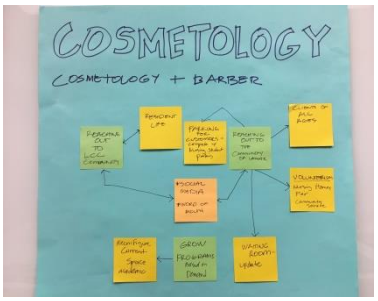
Principle 5: *Ensure future flexibility and adaptability as services and programs evolve and change*

Principle 6: *Increase LCC's physical and social connection to its communities*

Principle 7: *Express the unique LCC brand*

Additionally, Hall Architects was simultaneously commissioned to perform Facility Audits of several key campus buildings during this Facilities Master Plan process; the information garnered from the audit observations aided with further inventory space identification and confirmation of room use coding and physical building conditions. The consultants met in August with the President, the Vice President

of Academic Services/Student Services, the Vice President of Administrative Services/Institutional Effectiveness, the Dean of Academic Services, and the Director of Facilities Management to review the initial analysis findings and potential projects. After subsequent analysis corrections and confirmation of enrollment projections, the consultants drafted the projects for the Facilities Master Plan, supported by the analysis. An Open House event was held in September to present the FMP's space needs analysis and proposed projects. Further refinement of data and analysis helped to confirm the validity of conclusions and proposed projects in finalizing the document.



Images from LCC FMP participatory process. Source: Hall Architects.

I.C. STUDENT / FACULTY / STAFF INVOLVEMENT

As the Facilities Master Plan process is largely participatory in nature, LCC students, faculty and staff were consulted on a number of planning issues relating to programs, space needs and accommodating growth. Comments were shared at scheduled interviews and impromptu meetings throughout the process. The principal planner met with Student Government officers and Student Ambassadors to ascertain students' specific concerns. Additionally, surveys were issued to LCC students, faculty and staff, in late spring/early summer. Topics in the surveys ranged from perceptions of study space, lounge space, meeting space, office space, and collaborative space to technology use in academic spaces, as well as residence life and parking. The surveys were produced as a joint effort by LCC and Hall Architects. More information on the surveys is covered under Section III.G. and Appendix A.

In addition, the Consultants' facility audit efforts included interviews with LCC Facilities staff. Current building systems and their performance as well as an examination of building materials and their age and condition were discussed.

I.D. COMMUNITY AND LOCAL GOVERNMENT INVOLVEMENT

The Consultants met with a number of City of Lamar and Prowers County officials, administrators, and department staff, and CDOT concerning zoning, site utilities, planned recreation developments, and traffic issues.

I.E. ADDITIONAL STAKEHOLDER INVOLVEMENT

The principal planner interviewed additional stakeholders during the Facilities Master Plan process, which included the September Open House campus event. These stakeholders included the directors of the Prowers Authority Transit and Prowers Economic Prosperity, the Federal Emergency Management Agency, and the Colorado Water Conservation Board.

I.F. OVERVIEW OF CONCLUSIONS THROUGH DEVELOPMENT OF THE MASTER PLAN

Lamar Community College is the smallest post-secondary educational institution of the Colorado Community College System. Its location in rural southeastern Colorado presents interesting operational challenges yet unique higher education experiences.

In the base year of Fall 2017, a total of 811 unduplicated headcount students / 299.60 End of Term FTE students received instruction at Lamar Community College. Of the headcount number, the reported on-campus student count, which included 40 dual enrollment students from local high schools, was 620. It is projected that by the Target Year (approximately 2023) and the horizon year of Target Year 2 (approximately 2028), that the College will experience growth in a number of their signature programs due to regional industry demands. The College's program offerings are diverse in scope and scale, and several have been identified as high growth and high impact for the City of Lamar and the four county service area, particularly for Prowers County: Precision Agriculture, Welding, Cosmetology, Nursing and Allied Health disciplines, Construction Trades and Horse Training and Management. Several of the programs continue to receive widespread attention and notoriety; the 2018 Outstanding Postsecondary Program Award for Colorado Agricultural Education was awarded to LCC's Agriculture Department in July of 2018, while their Online program was recognized by Affordable Colleges Online in 2016 as Colorado's #1 school for online, and #3 for online Computer Science degrees. The most recent award of the Title III grant to fund further program space for Precision Agriculture underscores LCC's commitment to their quality academic programs. Consistent growth among the athletic programs and a new soccer program is expected to contribute to student increases.

LCC's total assignable square footage (ASF) in the base year of Fall 2017 was 183,542 ASF, which excludes Inactive/Conversion Space and Outside Organization Space. The base year space needs analysis identified a resultant campus total of 8,082 ASF of space deficit. It is interesting to note that this deficit was calculated from 11,669 ASF of surplus (a collective 6.4% of campus total) in contrast to 19,705 ASF of space deficits (a collective 10.7% of campus total). The surplus was represented by Classroom / Service (8,298 ASF), Offices / Service (1,920 ASF), Other Department Space (1,155 ASF) and Student Center (296 ASF). The deficits were distributed among the following categories: Teaching Laboratory / Service (-1,715 ASF), Open Laboratory / Service (-394 ASF), Recreation and Athletics (-1,640 ASF), Learning Resource Center (-760 ASF), Assembly and Exhibit (-1,625 ASF), Physical Plant (-3,669 ASF), Informal Learning Space (-996 ASF), and the category with the largest space deficit, Residence Life (-8,906 ASF). Furthermore, these reported deficits coincide with some responses from LCC student, faculty and staff surveys citing the need for additional large assembly space, informal student spaces, particularly study and lounge space, and lounge space for faculty/staff.

The 20 classrooms/service comprised over 8% of total campus space in Fall 2017. Campus-wide, classrooms were utilized 13 weekly room hours, significantly lower than a national average target of 30 hours, at 62% student station occupancy (SSO), slightly under the State's guideline of 68% with an average of 28 ASF per station with an average room size of 700 ASF. The classroom utilization by room capacity analysis suggests that most rooms are being scheduled near their intended capacity. Seven rooms are at 70% SSO or larger, the largest at 93%. However, some rooms are scheduled for very few hours per week, particularly with athletics' daily afternoon practice schedule. The utilization of classrooms at Lamar Community College demonstrates there are ample opportunities to schedule additional courses with existing physical resources and to repurpose some classrooms for other uses.

The 8 teaching labs/service, which excluded the HTM and EBM spaces, comprised 7.75% of campus space in Fall 2017. The SSO utilization study

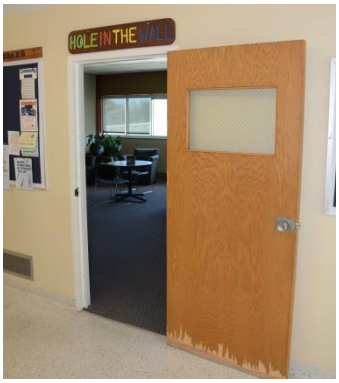
among the teaching labs reported an average 23 weekly room hours at 59.6% SSO, at the low end of national laboratory guideline targets (ranging from mid-50s to mid-80s) and below the State's guideline of 80%. However, three labs, the Betz Computer Lab Room 103, Trustees Cosmetology 112, and Weld Shop 101, the latter two being the largest sized rooms, reported heaviest use with 66% average SSO. These utilizations, albeit within the ranges of laboratory guideline targets, underscore a need to balance room capacities, particularly anticipating future growth. It is important to note that rural community colleges tend to have average smaller section sizes due to the need to offer a comprehensive curriculum with a modest total enrollment and corresponding utilizations.

Extensive equipment use guided by safety practices, along with meeting current programming and pedagogy, accessibility, and robust IT connectivity are imperative for the operations of LCC's academic programs into the next ten years. Current dire concerns expressed by the LCC community on building conditions were validated by physical observations documented in the facilities audits and as discussed in Section III.F. Three academic buildings (Bowman, Trustees and Welding), as well as the Todd-Burch Residence Hall yielded FCIs or FCI ranges below 70, translating into "Remodel is needed", due to poorly performing building systems (lighting, ventilation, plumbing, etc.) and aged/dated structures. Three buildings, the Facilities Operations, the HTM Building and the Betz, yielded FCIs or FCI ranges on the low end of the "Major Maintenance is needed" category. Repeated concerns with aging building infrastructure and performance as well as the condition of original building materials will become frequent during this master plan timeframe, and will require a concerted effort of not only securing funding for proper upgrades, but also maintenance review of equipment and building materials for replacement as required.

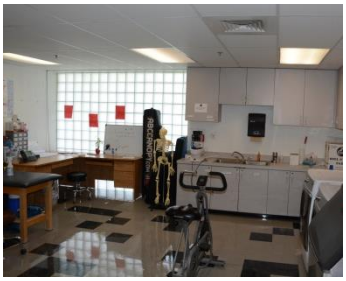
Based on LCC leadership and faculty reports, LCC's projected campus student headcount growth over Target Year 1 (the first five-year planning period) is anticipated to be 22 students or 10% growth. For Target Year 2 (additional five-year planning period) LCC anticipates an additional 68 students or 10% growth, translating into 750 on-campus headcount at the ten year horizon, or 20.9% growth over the base year.

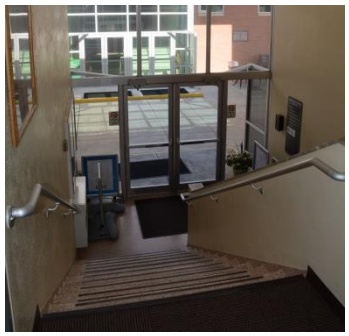
The Facilities Master Plan has identified the following projects for the Lamar Community College Campus during this planning period 2018 - 2028 to address the aforementioned space and growth needs documented in the space analysis:

1) The creation of a Student Union in the 1,730 ASF of the former bookstore space in the Betz Technology Center to provide and organize purposeful student spaces into a vibrant social hub for the campus. This $100,000 project is currently funded, and design is in progress with construction planned for completion in Summer 2019.
2) Wellness Center remodel involving removal of existing unused reception counter and creating needed office space.
3) Renovation of the LRC and creating a central learning hub with the existing adjacent tutoring lab and other existing student support spaces. This hub can become a strong connection between the student housing and CTE Building. This project will dovetail with the Bowman accessibility upgrade (Project #4).
4) Upgrade accessibility for the Bowman and Administration Buildings with the addition of passenger elevators. This $1.8 million project is currently funded, and design is being solicited, with construction completion scheduled for 2019-2020. Site development for access to the CTE Building, including highlighting the campus main entrance at the Bowman Building access driveway will be considered part of this project.



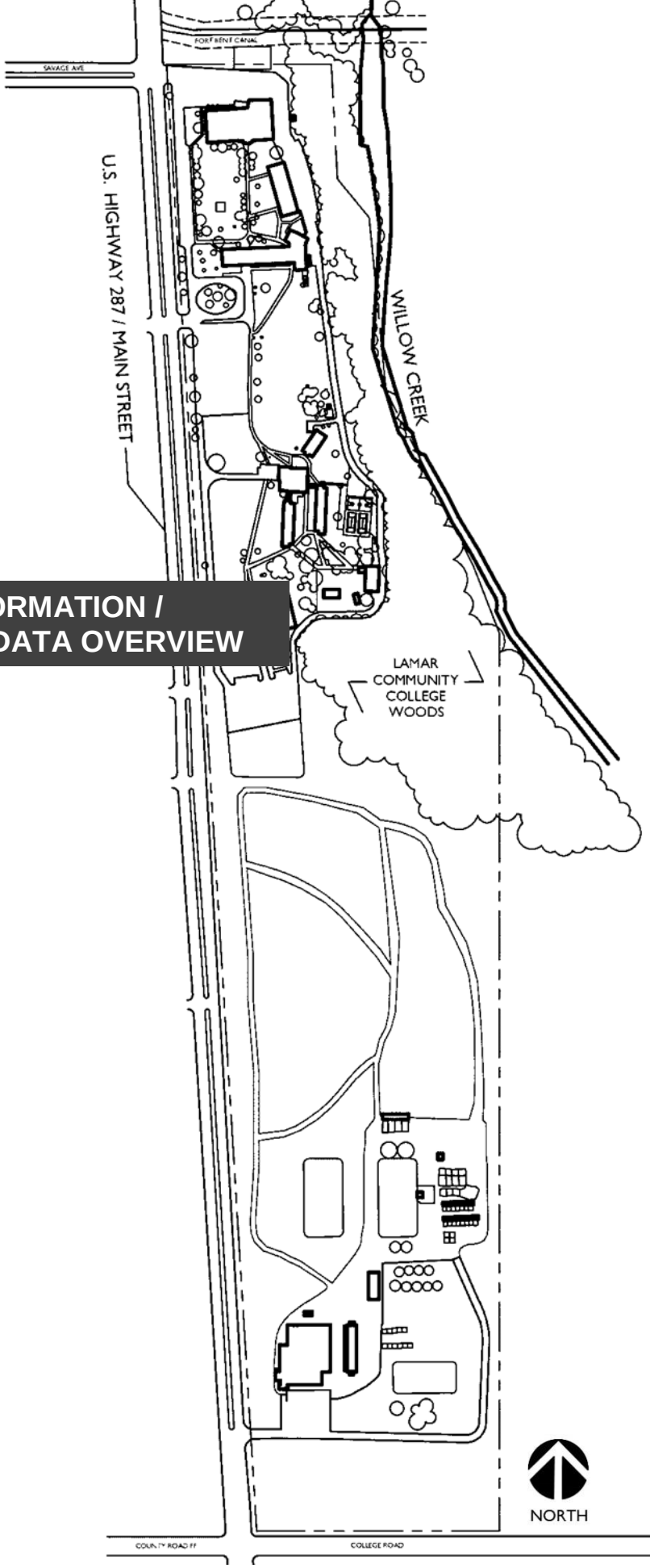
5) The creation of a new Career and Technical Education (CTE) Trades building, which will develop 10,800 GSF of planned academic, office, student study space and central plant space to support the needs of construction and allied disciplines, whose programs are anticipating growth in the face of identified shortages of local labor. This $1.8 million project is currently funded, and design is being solicited, with construction completion scheduled for 2019-2020. The project additionally aims to be pivotal for the overall campus site development in reinforcing the main campus entrance by the Bowman Building.
6) Phase 1 of the creation of the Precision AG Farm, which provides an outdoor storage shed. A program plan for Phase 2 will be part of this project scope.
7) Traffic improvements, additional parking lots, a new bike/walk path connecting the dormitory area with the Equine Complex, site amenities at the LCC Woods area, and the addition of landscape screen walls and improved monument signage. These projects are intended to address improving campus site circulation, the LCC brand and campus identity and the student campus experience, with planning and construction scheduled throughout the planning period.
8) Renovation of 1600 ASF teaching space vacated by Construction Trades and Renewable Energy Technologies in the Betz Technology Center to expand Nursing and the Allied Health Programs.
9) Creating an employee collaboration space in the current 1,382 ASF Buchanan Events Room and support space in the Trustees Building that will include both meeting areas, lounge areas and quiet areas. Relocate the Buchanan Events to the Bowman Building (see Project #5).
10) Add approximately 500 ASF to the Wellness Center Training Room for safe operations meeting industry standards. Add an assigned student lounge in current public lounge area.
11) Completing the second and third phases of the Prowers House Dormitory complex, 9,000 GSF to provide much needed onsite student housing.
12) Program, design and construction of a second Indoor Practice Arena and expansion of current horse stalls, 25,000 ASF to meet HTM and Equine Science program operations and student demands.
13) Phase 2 of the Precision AG Farm Complex that will include land for farm operations, indoor teaching space and livestock storage, and access road.
14) Major aesthetic and code compliance infrastructure upgrades to the Trustees Building, which include improving configuration of the science classroom and lab spaces for operational efficiencies, and building environments for all building occupants.
15) Renovation of the Bowman Classroom Building to meet updated code compliance, improve learning spaces for operation efficiencies with aesthetic upgrades.
16) Renovation of the Bowman Administration Building to also meet updated code compliance, improve office spaces for operation efficiencies with aesthetic upgrades.
17) Various remodels at the Kelley Union Cafeteria to refresh communal spaces.
18) Feasibility study for a practice gymnasium structure to serve LCC Athletics.





The Facilities Master Plan will serve to guide program planning and physical changes with all LCC Campus facilities. The plan will require the College to be involved in the process of reviewing, challenging and updating the plan to meet needs as this College's demographics, programs, and facilities evolve. The Master Plan is intended to assure campus goals and physical developments are aligned with Lamar Community College's mission and vision statements, strategic planning and values.

SECTION II. PROGRAM INFORMATION / INSTITUTIONAL DATA OVERVIEW



II. PROGRAM INFORMATION / INSTITUTIONAL DATA OVERVIEW

II.A. INSTITUTION ROLE AND PURPOSE, MISSION, VISION, CORE VALUES

ROLE AND PURPOSE

As part of the Colorado Community College System (CCCS), LCC is committed to providing its students with:

- Transfer programs that qualify students for admission to four-year colleges and universities.
- Educational offerings that meet the occupational needs of students in technical and vocational fields.
- Developmental education to build basic academic skills.
- Opportunities for perpetual learning and lifelong development.
- An environment that supports learners and learning.
- A comprehensive program for assessment of student learning focused on enhancing student success.

The College offers certificate and degree programs and transfer associate degree programs, focusing on the educational needs of their service areas, which encompass the counties of Prowers, Baca, Kiowa, and Cheyenne in southeastern Colorado.

LCC MISSION

We enrich lives through learning.

Located on the golden plains of southeastern Colorado, Lamar Community College is focused on the educational needs of Prowers, Baca, Kiowa, and Cheyenne Counties. Yet its unique programs, NJCAA/NIRA athletics, small class sizes, dedicated staff, innovative spirit, and idyllic setting also make it a destination college for students of all ages from across Colorado, the nation, and the world.

Our mission. Our passion.

Founded in 1937, Lamar Community College is a learner-centered, open enrollment, two-year post-secondary institution. As part of the Colorado Community College System, LCC is committed to providing its more than 1,000 students with:

- Academic programs that qualify students for transfer to four-year colleges and universities.
- Educational offerings that meet the occupational needs of students in career and technical fields.
- Instructional and support strategies that enable students to begin classes at any stage of academic preparation
- Opportunities for perpetual learning and lifelong development.
- Comprehensive assessment of student learning outcomes to continually improve our students' experiences and success.
- An environment that supports learners and opens minds to innovation, creativity, and possibilities.

LCC VISION STATEMENT

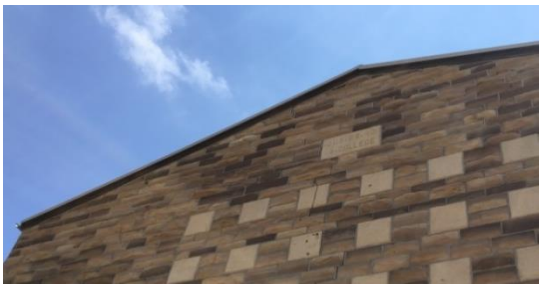
Lamar Community College provides the highest quality education and service excellence in an environment of care, support, mutual respect, and integrity.

LCC CORE VALUES

- **Respect** – We relate to colleagues, students, external stakeholders, and community members with consideration and thoughtfulness.
- **Integrity** – We steadfastly adhere to high moral principles, honesty, and professional standards; we nurture and expect the same values in our students.
- **Open Communication** – We operate through communication processes that guide our college in making decisions and seeking future opportunities; we communicate those decisions and actions to our internal and external stakeholders.
- **Valuing People** – We promote the development and intellectual growth of faculty, staff, administrators and students. We recognize internal and external stakeholders' contributions to the college. We foster integrity, excellence, passion, and the fulfillment of students' and employees' academic and professional goals.

II.B. HISTORY

"Established in 1937, Lamar Community College began its service to its communities as the Junior College of Southeastern Colorado. It was originally established to give the impoverished residents of the western edge of the "Dust Bowl" new hope in the midst of the Great Depression. The College is a testimony to the perseverance of the organizations and individuals that founded it. Supported by tuition, fees, and donations from merchants and civic organizations, the College was essentially a private institution. Its first campus was a structure originally built by the Works Public Administration (WPA) as a hospital for tuberculosis patients. The original building still stands at Eighth Street and Walnut Street"*, near downtown Lamar shown in the photos** below.
**Source: LCC website, https://lamarcc.edu* ***Source: Hall Architects.*



"In 1946, voters formed a local tax district to support the college and began guaranteeing open enrollment. At this time, the name was changed to Lamar Junior College. As enrollment and program offerings steadily increased after World War II, the campus expanded to nearby buildings and houses."*
**Source: LCC website, https://lamarcc.edu*

In the sixties, Lamar Junior College moved to its present site on Main Street, and changed its name to Lamar Community College, and also became part of the Colorado Community College System. Among the first campus buildings were the Todd-Burch Residence Hall, and the Bowman, Trustees, and Betz Buildings, all built between 1966 and 1971. The original indoor horse arena with stalls was constructed in the mid-seventies.

A major capital construction campaign occurred in the late nineties and early 2000s with the major renovation of the Betz Building renamed as the Betz Technology Center and the new state of the art Wellness Center. Other improvements that were part of this campaign included parking lot lighting, irrigation and backflow prevention improvements, and exterior repairs to the Bowman Building.

In the later 2000s to present, LCC focused on a number of building and site upgrade projects: improvements to their equine complex to enhance the HTM and EBM programs, which included a major expansion to their indoor arena with classrooms and offices; campus-wide accessibility upgrades to meet code compliance; Bowman and Trustees window replacements for energy and aesthetic improvements; updating their Welding instruction building through a CHAMP Grant Remodel; and building Phase I of a new one level dormitory complex to address a growing resident population. An observatory project identified and recommended in the 2008 FMP was the North Campus of the Pierre Auger Collaboration Project, which did not materialize due to limited research and funding.

II.C. GENERAL OVERVIEW OF PROGRAMS

Lamar Community College offers Associate degree programs in diverse areas such as Agriculture, Allied Health, Horse Training & Management, Renewable Energy Technologies and Sports & Exercise Science, as well as transfer degrees to 4-year bachelor degree programs and workforce-ready certificate programs. LCC is accredited by the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools. In addition, the Nursing program is accredited by the Accreditation commission for Education in Nursing (ACEN).

Since its 2008 Facilities Master Plan LCC has nearly doubled their number of degree programs to 29, offering Associate of Arts, Associate of Science, Associate of General Studies, and Associate of Applied Science degrees. Likewise, the College increased their certificates of study to 22. The lists below are the most current program offerings:

ASSOCIATE DEGREE PROGRAMS – GENERAL

General Associate of Arts (A.A), Associate of General Studies (A.G.S.), General Associate of Science (A.S.)

ASSOCIATE DEGREE PROGRAMS – WITH DESIGNATION (A.A., A.S., A.G.S.)

Agriculture Business (A.S.), Agriculture Production Management (A.A.S.), Animal Science (A.S.), Applied Technology (A.A.S.), Business (A.A.), Computer Information Systems (A.A.S.), Construction Trades (A.A.S.), Cosmetology (A.A.S.), Criminal Justice (A.A.), Early Childhood Teacher Education (A.A.), Economics (A.A.), Elementary Teacher Education (A.A.), Equine Business Management (A.A.S.), Equine Science (A.S.), History (A.A.), Horse Training & Management (A.A.S.), HTM & Barrel Horse Training (A.A.S.), Nursing (A.A.S.), Psychology (A.A., A.S.), Renewable Energy Technologies (A.A.S.), Soil & Crop Sciences (A.S.), Studio Arts (A.A.), and Welding Fabrication (A.A.S.)

ASSOCIATE DEGREE PROGRAMS – WITH EMPHASIS AREAS

Agriculture (A.G.S.), Sports & Exercise Science (A.S.)

CERTIFICATE PROGRAMS

Accounting, Agriculture, Barber, Business, Computer Technician I, Information Systems, Construction Trades Essentials, Cosmetology, Emergency Medical Technician – Basic, Emergency Medical Technician – Intermediate, Hair Stylist, Horse Training & Management – Advanced Horsemanship, Horse Training Management – Fundamental Horse Training, Horse Training & Management – Starting Colts, Nail Technician, Nurse Aide, Psychology, Renewable Energy Technologies, Soil & Crop Sciences, Sports & Exercise Science, Veterinary Science, and Welding

II.D. OVERVIEW OF CURRENT POLICIES AFFECTING FACILTIES

i. Admissions

Lamar Community College has an open admission policy for in-state students and a selective admission policy for out-of-state students.

ii. Housing

Lamar Community College has two onsite dormitory facilities available to resident students, see Figure A. The Todd-Burch Residence Hall, or Todd-Burch, houses up to 197 students distributed among two multi-story building wings: the two stories of the West Wing designated for men; the first two stories of the East Wing designated for women and the third story designated for co-ed. Other student spaces include a computer lab, a large recreation room and a weightlifting/conditioning room, in addition to laundry facilities. An apartment for the full-time Residence Life Coordinator is also housed in the Todd-Burch.

The recently built one-story co-ed Prowers House houses up to 32 students; the building is laid out with two individual sleeping rooms sharing a bathroom unit. All single freshman students under age 21 that do not live with family in the city of Lamar are required to live in the Todd-Burch. Disabled students and sophomore students are given priority assignment at the Prowers House.

Meals for resident students are served at the Kelley Union Cafeteria which joins the two residential wings of the Todd-Burch. Three meals are served per day Mondays through Fridays, and two meals (brunch and dinner) are served Saturdays and Sundays.

See Section III.J. for information on residence hall parking.

Figure A.
LCC dormitory facilities, Todd-Burch Residence Hall (left) and the newer Prowers House (foreground.)

iii. Student Services

Lamar Community College employs a complete student services department. Services include financial aid assistance, tutoring, testing, counseling, business office, transfer assistance, recruiting and admissions, as well as an online bookstore. Most of these services are located at the second level of the Betz Building, see Figure B. Advising is provided by individual academic faculty members. Tutoring is provided as part of the Learning Resource Center in the Bowman Building.

Figure B.
Student Services office suite, Betz Technology Center.

iv. Campus Parking

Lamar Community College utilizes on-site striped parking lots distributed among the main campus buildings. The campus has 805 parking spaces. Overflow parking is available at the Wellness Center to accommodate large sporting events and graduation ceremonies. Students, Faculty and Staff are assigned parking stickers. See Section III.J. for more parking information.

v. Athletics

Lamar Community College is an accredited member of the National Junior Collegiate Athletic Association (NJCAA) in Region IX and the National Intercollegiate Rodeo Association. Intercollegiate sports for men include baseball, basketball, golf and rodeo. Women's teams compete in basketball, softball, volleyball, and rodeo. LCC's athletic programs have a long-standing record of conference championships, and have produced athletes who have competed and excelled at the professional level. Generally, program recruiting quotas are met or exceeded – see Section II.H. for more information. The LCC mascot is the antelope, college's nickname is the Runnin' Lopes.

Onsite athletic facilities include the Wellness Center that houses a state-of-the-art athletic complex. See Figure C. LCC's Men's and Women's Basketball and Women's Volleyball practice and compete in the Center's 1,300-seat gymnasium. All student athletes benefit from the onsite health clinic (see Section II.D.vii.), training room, locker rooms, walking track, and fitness center for conditioning. The Wellness Center is also scheduled for use by the LCC community and the Lamar community at large. The general operation hours of the Fitness Center are 5:00 am – 10:00 pm weekdays, and 8:00am – 11:00am on Saturdays.

Figure C.
Exterior of Wellness Center (top); Interior display case of LCC student athletic awards, Wellness Center.

LCC's Baseball and Softball programs are conducted in leased off-site facilities that are part of the city-owned Lamar Sports Complex located across Highway 287, less than 1/2 mile west of the LCC Campus. The LCC squads share a premier indoor batting facility with locker rooms, four full batting cages, indoor mounds, and work out area. The Baseball team competes in Merchants Park, and the Softball team competes in Citizens Field, which is located in a newly constructed complex. These facilities are jointly maintained by Lamar Parks and Recreation and LCC.

The LCC Golf team practices and competes at the Spreading Antlers Golf Course 2 miles south of campus.

The LCC Rodeo team trains on-site at the Equine Complex consisting of the Horse Training Management Indoor Arena and two outdoor arenas. The team competes in the Prowers County Sand & Sage Fairgrounds Arena, located across Highway 287, less than 1/2 mile west of the LCC Campus.

An off-site facility, the Lamar Community Building, maintained by the Lamar Parks and Recreation Department and located less than 2 miles northwest at 610 South 6th Street in Lamar, supplements LCC sports programs with practice and conditioning facilities. Its Fitness Center and 1,495-seat gymnasium are scheduled as needed for the Men's and Women's Basketball and Women's Volleyball programs.

The LCC Campus also has one outdoor basketball court and two tennis courts located east of the Todd-Burch Residence Hall. The basketball court is reported to have frequent student use, while the tennis courts have no reported use. More information on athletic and recreational assets can be found in Section III.M.

vi. Libraries

The LCC Campus has one main library facility. The Learning Resource Center (LRC) is located in Room 144 at the east side of the Bowman Building. The space consists of an open stack study room with seating and a small lounge area, and a processing area with supporting offices. The adjacent STEM Room in Room 142 serves as a scheduled meeting room, group study room and distance learning classroom. Tutoring services in the academic areas of math, writing, science and other academic disciplines are also available as part of the LRC in Room 129 in the Betz Building; Room 129 is also assigned space for Study Hall, an academic group study requirement for LCC athlete students.

vii. Health Clinic

The Wellness Center houses a satellite health clinic suite operated by the High Plains Community Health Center, a federally-qualified health center, which provides integrated, primary care to LCC students, staff, as well as the Lamar community. The Clinic is located at the main upper level at Room 125. The clinic has 3 exam rooms with a full-time Family Nurse Practitioner. The clinic operates Mondays through Fridays with a half day on Thursdays. Behavioral health services and dental care are available off-site at the main health center at Kendall Drive in Lamar.

viii. Class Scheduling

Courses at LCC are scheduled primarily during morning and early afternoon hours Monday through Thursday. This approach accommodates the large number of student athletes on campus that have afternoon sports practice and those students who need to travel home for weekends. While courses start and end at various times, the greatest number of 3 credit courses are scheduled in the mornings from 8:00AM to 9:15AM, 9:30AM to 10:45AM, and 11:00AM to 12:15PM.

ix. Facilities Maintenance

Maintenance of the LCC Campus facilities and grounds is provided by the Facilities Department.

x. Annual Operation, Maintenance and Utility Costs

Based on reports from the Director of Facilities Maintenance, the following table outlines the combined annual costs for operating and maintaining the LCC Campus facilities and grounds:

LAMAR COMMUNITY COLLEGE OPERATIONS & MAINTENANCE FY17

Budget Item	Gross Square Footage GSF	Annual Cost $	Cost per GSF $/GSF
Repair & Maintenance	269,079	$ 48,000	$ 0.18
Janitorial	269,079	$ 14,283	$ 0.05
Roads & Grounds	14 Acres Maintained Turf	$ 20,000	$ 0.03
Utilities	269,079	$ 526,623	$ 1.96
Totals – GSF	878,919		
TOTAL ANNUAL EXPENSES	NA	$ 608,906	$ 0.69

Utilities represent the largest cost and cost/GSF item; relative to the other budget components' cost/GSF, it is significantly larger, over ten times the Repair & Maintenance cost/GSF, the next largest cost.

II.E. ASSESSMENT OF ACADEMIC PLANS, STRATEGIC PLANS, TECHNOLOGY MASTER PLANS AND ANY OTHER RELEVANT STRATEGIC PLANNING IN RELATION TO THE PROPOSED MASTER PLAN

LCC Academic Plan
LCC will be developing their Academic Plan in Fall 2018.

Strategic Planning
Lamar Community College's most current strategic plan is assigned for 2017-2020 (see Appendix B). The following five goals were identified:

Student Success Goal: LCC will create a meaningful and personalized academic and collegiate experience for all students, with special emphases on underrepresented populations.

Community Success Goal: LCC students and employees will engage with the community by strengthening physical, intellectual, cultural and recreational connections.

Employee Success Goal: Anticipate and respond to emerging workforce needs and demographic shifts.

Resource Success Goal: LCC will implement key, progressive revenue-generating and enrollment-growth strategies to accomplish long-term fiscal health.

The Facilities Master Plan has the ability to work in concert with LCC's Strategic Plan process, and participants involved in both planning processes can assure goals are in alignment.

CCCS Strategic Plan
The Colorado Community Colleges System Strategic Plan 2015-2025 has identified four goals:

- **Transform the student experience**
- **Transform our own workforce experience**
- **Create education without barriers through transformational partnerships**
- **Redefine our value proposition through accessibility, affordability, quality, accountability, resource development, and operational excellence**

The System Office and Colorado Community Colleges System (CCCS) colleges have engaged in work to achieve the Key Performance Measures (KPM) outlined within the Strategic Plan as approved by the SBCCOE.

Colorado EPP and Office of the State Architect HPCP
In July of 2009, the State of Colorado Department of Personnel and Administration State Purchasing Office published the document "Environmentally Preferable Purchasing" (EPP) which adopted the EPP policy guidance for the

procurement of sustainable commodities and services. The policy guidance is intended to facilitate adoption of best environmental practices consistent with Federally-adopted environmental purchasing trends. One of the mandates in this policy is a requirement for all new construction over 5,000 square feet among State Buildings' capital construction projects to achieve LEED Gold status per the Office of the State Architect's High Performance Certification Program (HPCP)*. In consideration of this requirement, Lamar Community College must anticipate the mark up associated with commissioning for project construction costs. Commissioning agents require additional fees that must be incorporated into a project budget; however, the Owner must keep in mind that Commissioning is an important part of the LEED process in that it ensures that greater cost savings to the Owner, as a result of energy-efficiency, are achieved.

* Source: Policy document OSA-HPCP, originally published September 1, 2007, updated February of 2010.

Technology Planning

The College intends to remain state-of-the-art in communication techniques, administrative management tools, alternative delivery methods (classroom or remote - see Figure D.) networking, bandwidth and video-conferencing capabilities. The IT Department remains committed to supporting the mission and goals of LCC's programs. Additionally, the Department stays abreast of IT security at the System Office level which performs annual risk assessments. A 2017 update to the 2016 Risk Mitigation Plan for information security identified development of a Security Plan, Incident Response Plan, and Disaster Recovery/Business Continuity Plan, with plans for ongoing training to college staff for protecting data.

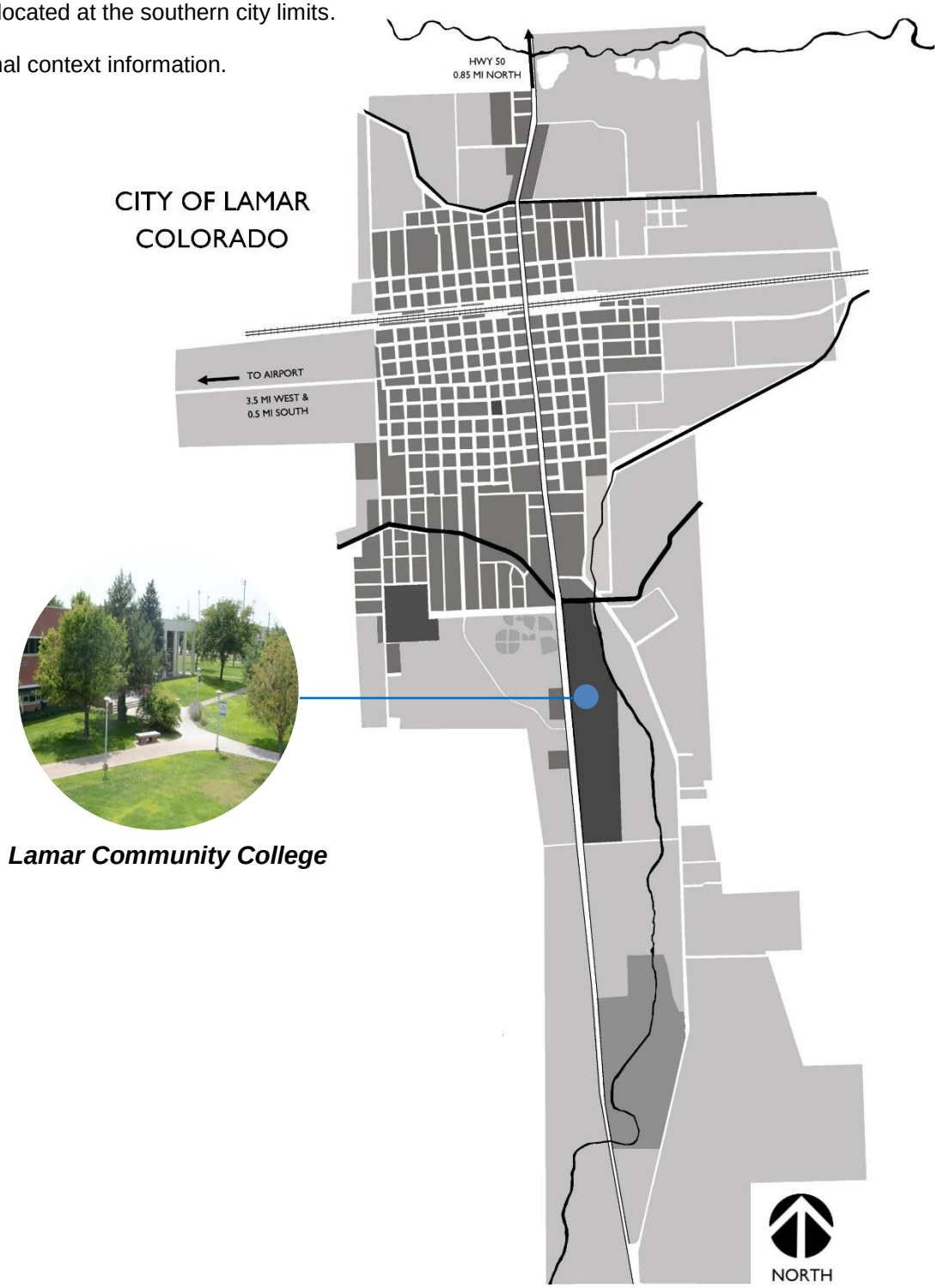
As a course of action with this Facilities Master Plan, discussions involving IT planning with the appropriate college personnel and user groups and A/E design teams should be integrated throughout the planning, design, pre-construction and construction stages of any building project. Built into these discussions will be review of security and backup systems, and construction scheduling coordination.

Figure D.
Computer Lab, Betz Technology Center.

II.F. CAMPUS LOCATION MAP

The Campus of Lamar Community College is accessed from Highway 50 at the exit to south-bound U.S. Highway 287, or the Crossroads, which is the north entrance of the City of Lamar, see Figure E. The main campus address is 2401 South Main Street, Lamar, located at the southern city limits.

See Section III.A. for regional context information.



Lamar Community College

Figure E.
Map of the City of Lamar. No scale.

II.G. AREA POPULATION AND INDUSTRY, DEMOGRAPHICS

As a forward to the Enrollment and Projections narratives, discussion on county and state population forecasting and area industry, and demographics are included to study anticipated growth. Lamar Community College's four-county service area consists of Baca, Cheyenne, Kiowa and Prowers Counties. See Figure F. for county locations relative to the map of Colorado and respective county populations. Lamar sits at the northwestern quadrant of Prowers County.

Population

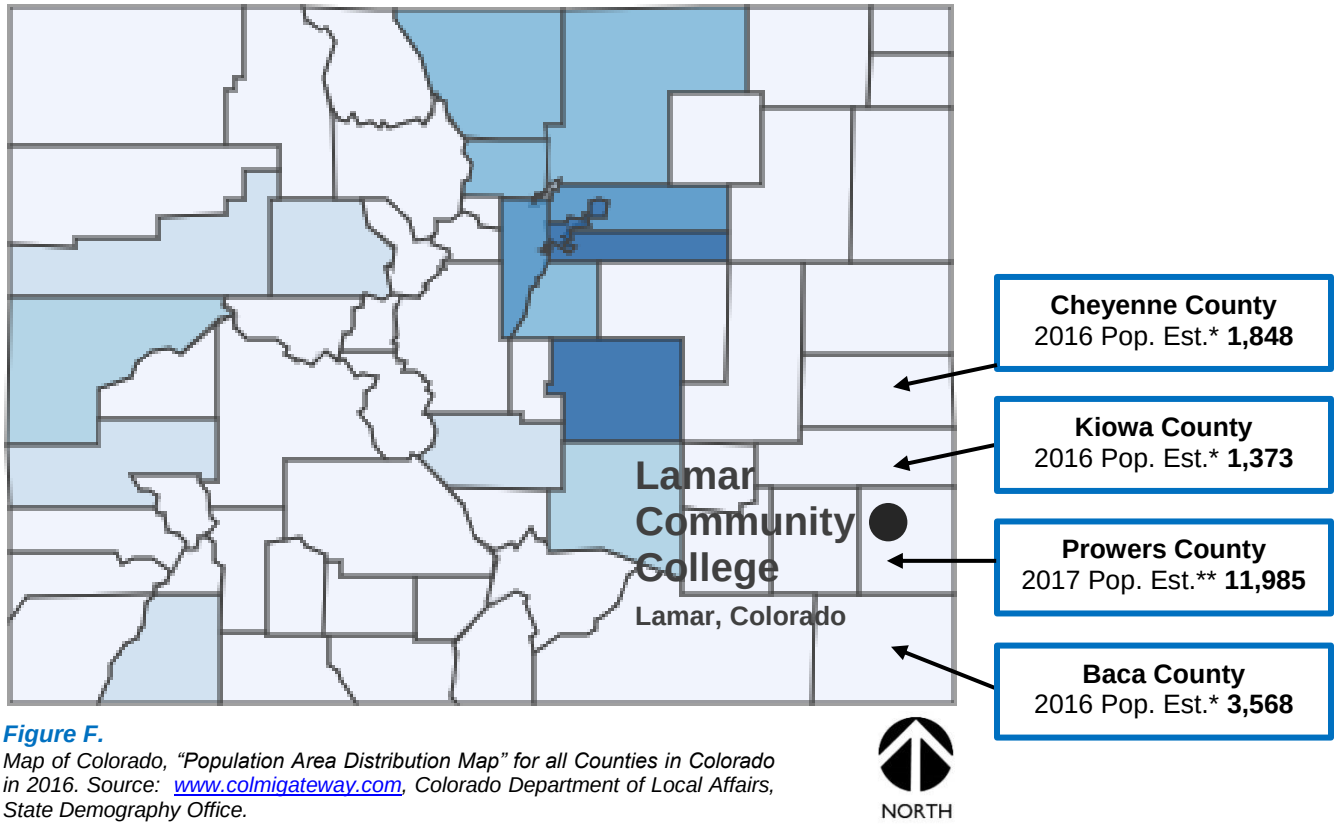


Figure F.
Map of Colorado, "Population Area Distribution Map" for all Counties in Colorado in 2016. Source: www.colmigateway.com, Colorado Department of Local Affairs, State Demography Office.

* 2016 Population Estimate Source: US Census Bureau Estimates
**2017 Population Estimate Source: "Prowers County 2017 CEDS", Prowers County and Southeast Colorado Enterprise Development

The population of Colorado's southeast region has seen marked decline since the 2000/2010 Census; only Cheyenne County has experienced a recent slight relative increase (0.65%). The Colorado Department of Local Affairs, State Demography Office' 2017-2018 report of projected populations of Colorado counties between the years 2015 through 2050 notes "Less than 0" population change for each of the four counties, similar to the general southeast region. The rest of the state on balance is anticipating significant growth, with largest gains along the Front Range area, represented by the counties of Adams, El Paso, Larimer and Weld. See Figure G. Noting similar declining pattern, the "Prowers County Economic Prosperity Plan" published in September 2016, cited ESRI projections for Prowers County, to continue to decline from its 2015 population, "although more gradually, through 2020."*
***Source:** "Prowers County Economic Prosperity Plan", September 2016, Progressive Urban Management Associates (P.U.M.A.).*

The “Prowers County 2017 CEDS” summarized the recent 5-year decline of approximately 4.5% in Prowers’ population to “job losses combined with an aging population that encompasses fewer families as well a steady outmigration of college-aged population.”* Further, a lack of housing challenges communities seeking to attract residents.
**Source: “Prowers County 2017 CEDS”, Prowers County and Southeast Colorado Enterprise Development.*

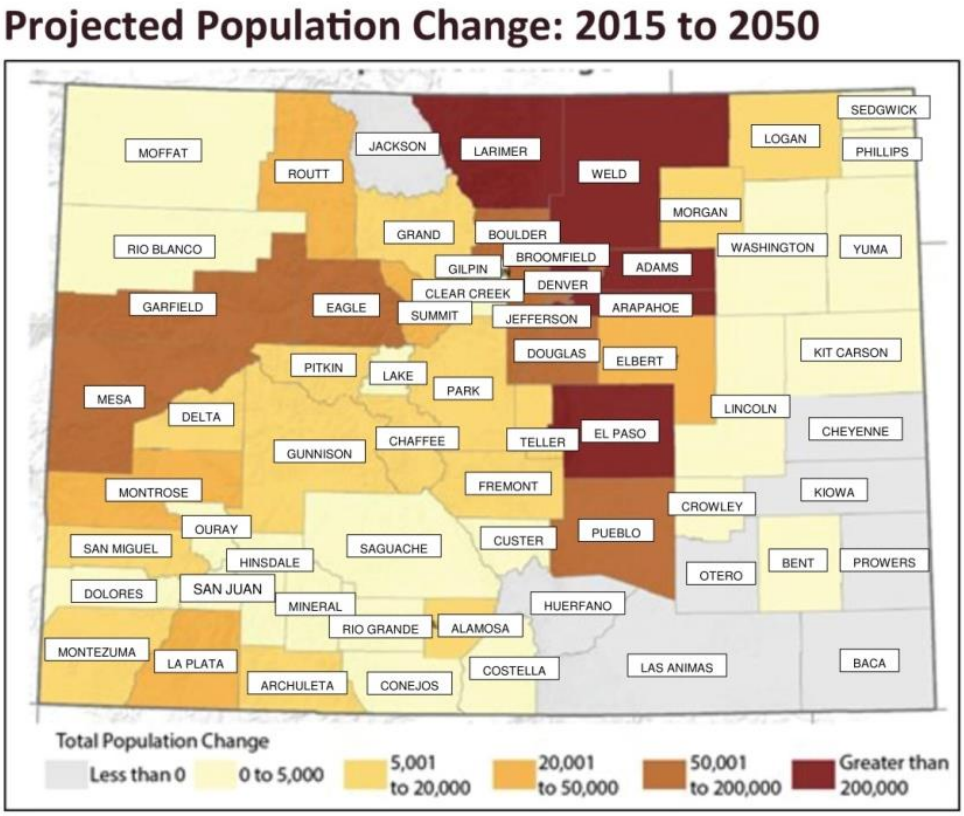


Figure G.
Projected Population Change: 2015 to 2050.Source: UCCS Economic Forum 21st Annual Report 2017-2018, Colorado Department of Local Affairs, State Demography Office.

Despite the declining population projections, both the P.U.M.A. report and the “Prowers County 2017 CEDS” noted multiple established local and regional amenities and the potential draw for businesses and the Millennial Generation to look at investing in the local region. The projected overall influx to the state of Colorado can, too, represent many opportunities for the southeast region, where uniqueness of location, such as one of the state’s top birding destinations, history, and a prominent agriculture and ranching heritage are hallmarks that distinguish the area from larger populous cities. See Section III.A. for further information. With the city of Lamar as the county seat and most populous city in Prowers County and among the three other counties of the service area, Lamar Community College sits at the nexus of opportunity as the local institution of higher education and workforce training.

Among its efforts to promoting uniqueness, the City of Lamar has been a Colorado Main Street Program since 2009, as well as a National Main Street America™ Accredited Program and achieved “Designated” status as a Colorado

Main Street Community. Lamar Partnership Inc. is a recognized leading program among the national network of more than 1,200 neighborhoods and communities who share both a commitment to creating high-quality places and to building stronger communities through preservation-based economic development. "Lamar Partnership collaborates and leverages skills and assets to revitalize, empower, and advocate for the downtown by pursuing economic opportunity and promoting Lamar's cultural and historic significance."* Lamar's Main Street, also known as U.S. Highway 287, its downtown revitalization, and maintenance of the Lamar Streetscape Master Plan are the focus of the Main Street program. The program's operation and activities are administered by the City of Lamar's Community Development Director in conjunction with Lamar Partnership Inc.
Source: www.mainstreetlamar.com

Area Industry
The following narratives address the most current information on the more prominent industries in Prowers County, and are found in the "Prowers County 2017 CEDS":

"Agriculture / Value-Added Ag
Agriculture continues to be the primary economy driver in Prowers County. In 2012, as reported by the 2012 Census of Agriculture, Prowers County had 1,021,915 acres of agricultural land. There are 553 farms, with an average of 1,848 acres. Prowers County's largest crop harvested is wheat used for grain and the top livestock is cattle and calves.

"Out of sixty-four counties in Colorado, Prowers County was ranked fourth in production for forage and sorghum for grain, tenth in wheat for grain, thirteenth for corn for grain.

"Out of sixty-four counties in Colorado, Prowers County was ranked first in quail, sixth in cattle and calves, and seventh in hogs and pigs.

Renewable Energy Resources
"At the heart of the Wind Corridor, the Colorado Green Wind Power Project is one of the largest wind farms in the State of Colorado."* The project developed by GE is part of a 15 year purchase agreement to Xcel Energy for electricity generation to customers in the region. See Figure H.

Call Center
"Lamar is also home to the Child Abuse Hot Line call center, under the management of the Prowers County Government, which takes thousands of calls from all over the state. The call center provides much needed jobs and continues to grow.

Light Manufacturing
"Prowers County is the home to several light manufacturing businesses providing valuable services and products locally, domestically and internationally. Some of the larger employers in the area include Dragon, W.H.O. Manufacturing, CF Maier, Altek, PelSue and Gateway Products (Holly). Each is unique in the products they offer and are valued employers in a depressed economy."*

Source: "Prowers County 2017 CEDS", Prowers County and Southeast Colorado Enterprise Development for the benefit of Southern Colorado Economic Development District, 1104 North Main Street, Pueblo, CO 81003.

Figure H.
South of Lamar, along U.S. Highway 287 / 385, wind farm towers dot the agricultural landscape.

The healthcare and social assistance industries are big employers in Prowers County, with the presence of Prowers Medical Center and High Plains Clinic, the latter having an onsite campus presence at LCC's Wellness Center.

The 2017 CEDS report further noted and recognized Lamar Community College's contributions as a higher education and workforce training provider, serving both traditional and non-traditional students, and having a top online associate's degree program in Colorado in 2016-2017. See Section II.I. "Institutional Economic Data – Role within local, regional, and state economies".

Affordability

SmartAsset™, a financial technology company that studies and advises on personal finance decisions such as home buying, included in their 2016 annual report section "Most Affordable Places in America" listing Lamar as the No. 1 city among the top ten cities in Colorado for most affordable homes.*

**Source:https.://smartasset.com/mortgage/how-much-house-can-i-afford?year=2016#colorado*

This distinction is viewed as an asset for the community to attract homebuyers to the region and possible potential LCC enrollment and faculty/staff base.

Local School Districts

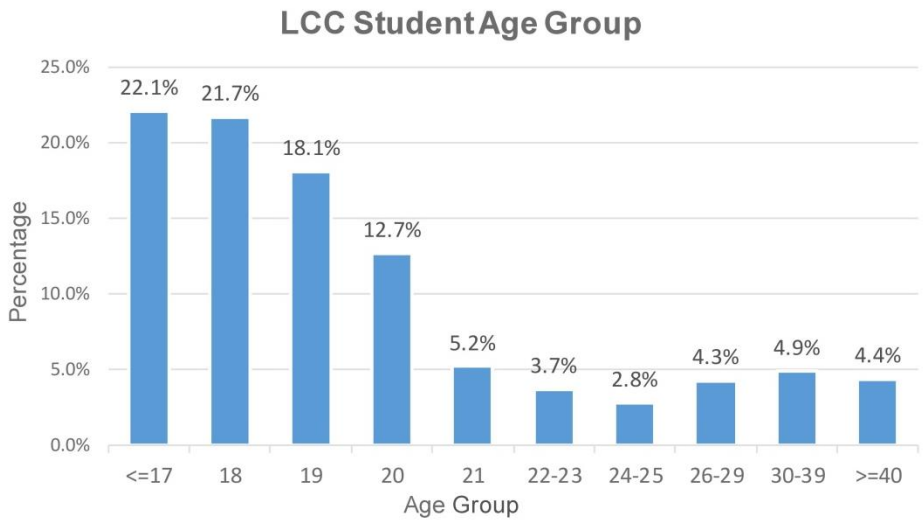
Lamar Community College has a Dual Enrollment partnership with the 15 high schools of their service area's school districts. Additionally, a small but noteworthy amount of "Out of District" students from the Front Range and Lower Arkansas Valley regions are in the Dual Enrollment category. In Fall 2016, 4 out of the 15 schools reported an increase among enrolled LCC students over the past year, led by Vilas RE-5 in Baca County. In Fall 2017, 22.3% of total LCC headcount enrollment was accounted by Dual Enrollment students, which contributes to LCC's relatively young median age. See "LCC Student Demographics" in this section. The local high school is Lamar High School, part of Lamar RE-2. It is conveniently located approximately one mile west of the LCC Campus.

A ten-year study through Fall 2016 of enrollment on school districts, as well as the high schools is detailed in a table in Appendix V.C. It is interesting to note the patterns for High School, Senior Class, and Dual Enrollment students are essentially similar, reflecting a gradual declining pattern. The overall district enrollment, on the other hand, reflected an increase from Fall 2014 through Fall 2016, which could potentially contribute to an increase for future high school populations.

LCC's additional involvement with the school districts includes the Innovate and Make Space certificate programs and pre-college educational programs.

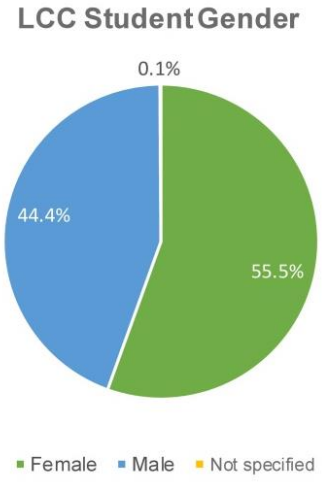
LCC Student Demographics

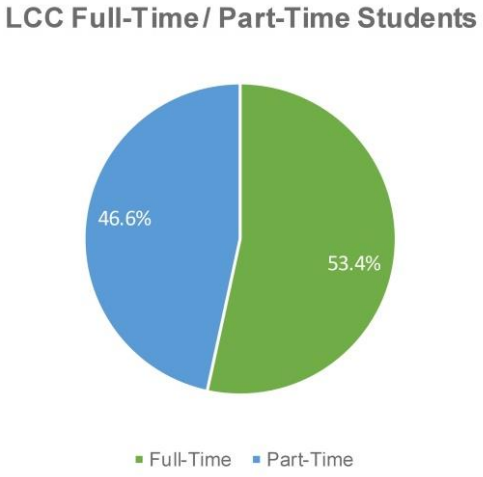
The makeup of LCC Students (total unduplicated headcount) in Fall 2017 is represented in the following charts:

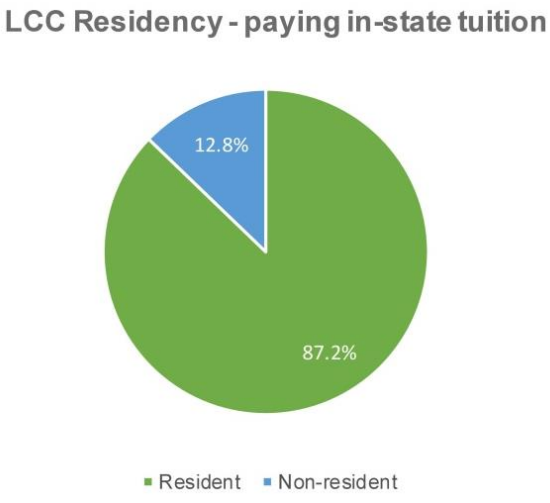


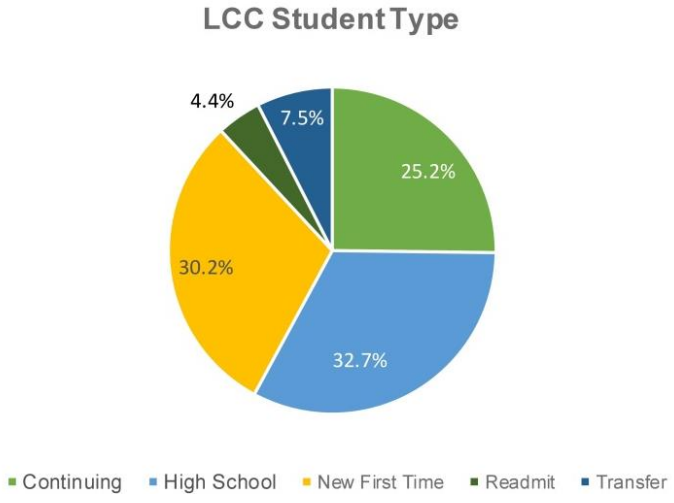
LCC Student Median Age

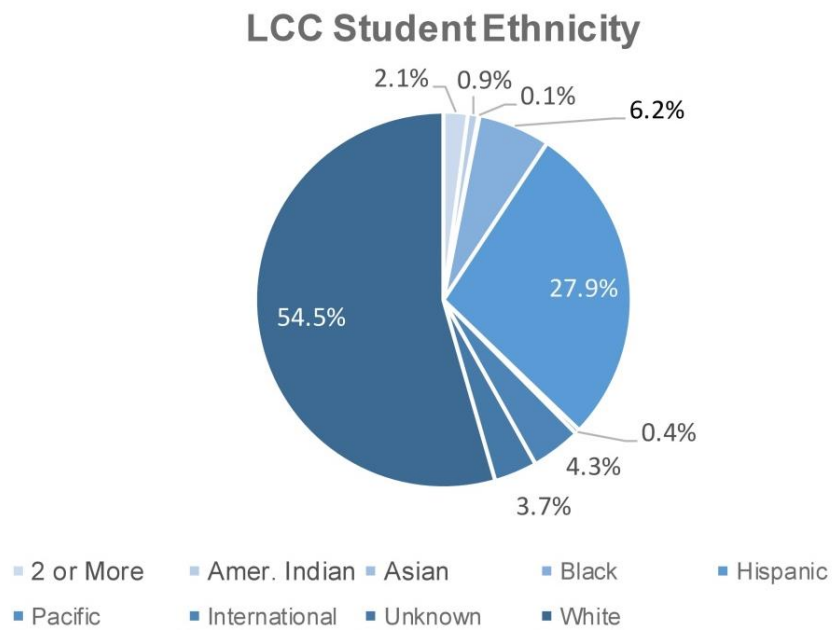
18











Summary of Demographics:
A review of the four-county service area population and area industry demographics presents some interesting challenges for LCC's projected enrollments for this planning period. Though the Colorado Census Bureau reports a continually declining population for LCC's service area, the state of Colorado's overall projected in-migration, particularly young families, presents opportunities for LCC to attract students to their unique signature programs in southeastern Colorado. With Welding, Agriculture, Horse Training and Management, Nursing, Construction Trades, and Cosmetology, the college will continue to respond to addressing labor shortages with local and regional industries as well as health care for a reported aging population, particularly in Lamar, in addition to preparing students desiring to transfer to four-year universities or expand their skills through certificate programs. Service area school district enrollments reflect similar declines among the high school populations, but reported an increase in recent years for the overall district enrollments.

Ranking as CCCS's smallest community college in enrollment terms, LCC's unduplicated student headcount for Fall 2017 was 811, which included Lamar Online, CCC Online and Dual Enrollment students. This headcount enrollment represented an increase for LCC over the past 2 years despite the downward trend over the previous FMP planning period. LCC's enrollment was highlighted by a young student population with median age of 18, contributed by high school aged students in the dual enrollment programs (22.3%). The ethnicity makeup of LCC students reflected a diverse mix, with a little over half (54.5%) listed as White, and a little over quarter (27.9%) of students listed as Hispanic, and the remaining 17.6% distributed among categories of Black, International, 2 or More (mixed), Unknown, American Indian, Pacific, and Asian. This demographic diversity presents cultural educational opportunities for LCC, particularly as an emerging Hispanic Serving Institution (HSI).

II.H. ENROLLMENT SIZE AND DATA / PROJECTIONS

The LCC Bowman Administration Building (top) and the LCC Equine Complex.

Process
The utilization, development of space guidelines, and the space needs analyses were completed using four primary data sets supplied by LCC: facilities, course, staffing, and enrollment data.

These quantitative data sets were analyzed with a proprietary relational software program. Several reports were generated to review the variances between the data sets. After an acceptable level of accuracy was established, the data was analyzed and converted into information that was used by the master plan team to make informed decisions and create viable planning scenarios at current and future enrollment levels.

Items requested and received included the following for the Fall 2017 semester:

- **Course Data** – This included the course number and description, student enrollments, course type, start and stop times, start and end dates, and meeting locations.

- **Staffing Data** – This consisted of a unit record database of each employee by headcount and FTE, including job title and major employee category.

- **Facilities Inventory** – This was site-verified by Hall Architects. The final data set included building name, room number, assignable square footage, number of student stations, and space use classification code on a room-by-room basis.

- **Floor Plans of Existing Buildings** – Used during the space inventory validation process.

- **Library Data** – Data included the number of volume equivalents in the collection and the number of study stations.

- **Student Enrollments** – Included student on-campus headcount enrollments, as well as a five-year trend of LCC's past Fall total unduplicated headcount and FTE enrollments. See Figure I.

This data provided a snapshot of activities for Fall 2017, which was used as the base year for the analysis.

Published sources were used to become familiar with the College, including mission and vision statements, the 2017-2020 Strategic Plan, AQIP Report, program offerings, organizational structure, campus location, and history. Discussions with LCC representatives further highlighted the understanding of expectations and issues.

On-site tours of campus buildings and grounds were conducted to gain familiarity with the facilities and validate the base data. The quantity and distribution of space at the campus was analyzed based on established space categories published by the National Center of Education Statistics (NCES) Postsecondary Educational Facilities Inventory and Classification Manual (FICM), 2006. Current utilization of classrooms and teaching laboratories was analyzed and outcomes were compared to recognized guidelines and other standards for community colleges as a point of comparison.

Enrollment growth, institutional vision, academic program goals, changing pedagogies, current space needs, and LCC's planning goals were discussed during two days of on-site work sessions with campus representatives.

Based on work sessions and empirical observations, space standards were developed for 13 space categories based on a comprehensive review of state and national association recommendations, as well as Paulien's own empirical research in working with community colleges across the country.

Using existing data sets and space guidelines created specifically for LCC, an order-of-magnitude space needs analyses for all academic, academic support, and other space was generated for the campus.

LCC Fall Enrollment: Five Year Trend of Total Unduplicated Headcount/FTE
In Fall 2017, LCC's unduplicated total headcount (Main On-Campus, Lamar Online, CCC Online, and Dual Enrollment) was 811, and Grand Total FTE at 299.6. The historic markers illustrated in the Figure I. below, show an overall decline in enrollment between Fall 2013 through Fall 2015 for headcount, and through Fall 2016 for FTE, but with increases for both headcount and FTE in Fall 2017. LCC is looking to maintain this upward trend, after having experienced significant enrollment declines during the region's periods of recession and recovery.

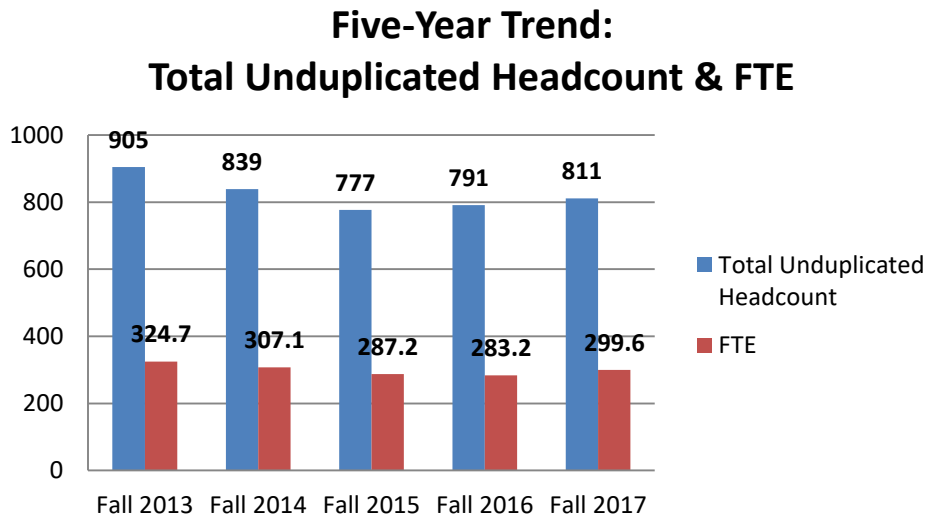


Figure I.
Five Year Trend: Total Unduplicated Headcount & FTE. "Fact Book Academic Year 2016-2017", Colorado Community College System Office of Institutional Research, 2017, LCC Institutional Research, 2018.

Planning Assumptions
Student, staff, and academic planning assumptions for Lamar Community College were developed at two planning scenarios, identified as Target Year 1 and Target Year 2. While these scenarios are based upon student headcount enrollment targets rather than specific time frames, Target Year 1 is assumed to be around 2023 and Target Year 2 around 2028. Accurate student enrollment and staffing projections are critical in the space planning process. Space planning standards and guidelines use student and staff data to determine if sufficient space is available for current and future operations.

Enrollment Projections

Based on input from LCC leadership, faculty, and staff, student headcount planning assumptions were developed. The Planning team applied the On-Campus Student Headcount for the analysis, consisting of the Main Campus component and those Dual Enrollment/High School students attending classes on campus. In Fall 2017, this total was 580 (Main) + 40 (Dual Enrollment) = 620 Headcount. The projections for this headcount figure were used in determining the space needed for the Campus Master Plan. Enrollment growth is predicted based on the potential for significant growth in select programs, an increase in the number of athletic teams, and the implementation of selected student success and retention strategies.

Fall 2017 Base Year On-Campus Student Headcount

620

Programs with expected increases in enrollment include the following:

- Advanced Manufacturing
- Agriculture
- Barber
- Business
- Construction Trades
- Cosmetology
- Exercise Science
- Horse Training & Management
- Nursing (Allied Health)
- Precision Agriculture
- Renewable Energy Technology
- Rodeo

With the recent award of the Title III Grant, LCC's Precision Agriculture program enrollment is expected to add 75+ on-campus headcount. Cosmetology plans to expand from an enrollment of approximately 20 to 30. Barber currently has a waiting list and plans a 100% increase in enrollment from 6 students to 12 students. Construction Trades anticipates expanding to two cohorts of 20 students each. Nursing would like to increase capacity to accommodate two cohorts of 30 students each. Programs in respiratory therapy and certified addiction counseling will increase allied health enrollment. The Information Technology program is in redevelopment and will also contribute to enrollment growth.

LCC's Athletic programs continue to stay competitive and attract students. An LCC study of the athletic program numbers per sport compared to their respective sport quota, which is the minimum number of student athletes LCC coaches are expected to recruit, revealed a compelling trend of students drawn to LCC's sports programs, see Figure J. With the exception of the Men's Soccer Club, which was dropped after Fall 2013, LCC's eight team sports have demonstrated over the past five years having met or exceeding their respective quota at least for one season. Men's Basketball and JV Basketball programs, Men's Baseball and Men's and Women's Rodeo have consistently met or exceeded their quotas in this timeframe. The athlete numbers also impact LCC's student housing, as athletes are required to be resident students. As such, not all athletes were accommodated in Fall 2017, where they comprised 72% of the residents; some athletes were housed through offsite leased housing arrangements with the neighboring Blue Spruce Motel.

Previously a club on campus, soccer is anticipated to be added as a competitive sport in the near future, with a projected 40-50 headcount range. LCC is reviewing a partnership with the City of Lamar's Parks and Recreation Department and Lamar High School for a possible shared athletic field. Refer to Section

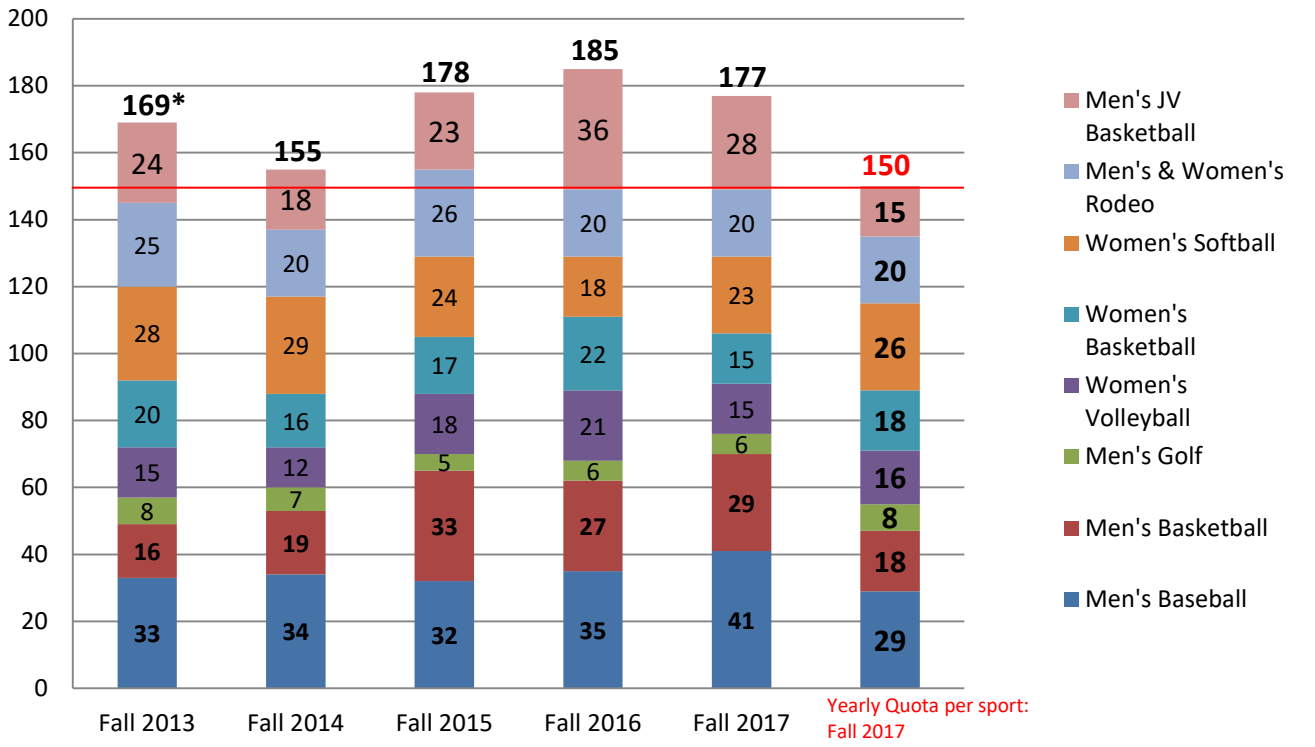


Figure J.
*Five Year Trend: Athletic Program Numbers compared to Recruiting Quota. Source: LCC. *Fall 2013 Total excludes Men's Soccer Club.*

Enrollment projections used in developing campus space needs for the FMP period considered not only growth for the Precision Agriculture program and other academic programs and the addition of the soccer program, but also opportunities with the HSI (Hispanic Service Institution) focus. LCC leadership anticipates relatively conservative growth in on-campus student headcount of 10%, or 2% per annum, for the Target Year 1 analysis, from 620 students to 682. Target Year 2 student headcount is anticipating a similar growth pattern of 10%, amounting to a 20.9% growth from the Base Year to 750 on-campus headcount.

Campus Staff Projections

Based on student enrollment projections, a likewise conservative growth in faculty, administrative, and staff positions by employee classification was projected for the two planning scenarios. These projections incorporate discussions held during work sessions with College participants. For Target Year 1, total faculty and staff are projected to increase from 120 to 123, with the extra 3 positions planned as faculty increase (51 Faculty and 72 Staff). For Target Year 2, growth is anticipated for both Faculty (55) and Staff (74) for a total of 129.

The primary purpose of projecting the number of staff for this study is to quantify the number of offices and office service spaces needed to accommodate current and potential new employees.

Building Assumptions

A new CTE (Vocational Trades) building is currently entering into the design phase and expected to be constructed during the first planning scenario period. The anticipated 8,100 assignable square feet of space in this building has been incorporated into both target year scenarios as existing campus space.

II.I. INSTITUTIONAL ECONOMIC DATA – ROLE WITHIN LOCAL REGIONAL ECONOMIES

CCCS Strategic Plan Goal

The CCCS Strategic Plan includes the Goal: "Create education without barriers through transformational partnerships…Our colleges work to remove barriers that may impede student success by thinking creatively and disrupting old models. Advancing our future is a community affair, fueled by innovative collaboration, key partnerships, and collective resources."

Lamar Community College's commitment to being a proactive education partner with their immediate community and beyond has been and continues to be evident through their academic program offerings designed with Career and Technology Education in mind, as well as their onsite makerspace, their non-credit on-campus courses, their online community education offerings for professional enrichment, career training and personal enrichment, and their regional community partnerships. The following narratives detail some of LCC's robust collaborations and partner initiatives.

The LCC Innovate and Make Space

Opened in Fall 2017 and housed in the east wing of the Betz Technology Center, the LCC Innovate and Make Space (I&MS) offers the LCC community and the community-at-large a creative space focused on STEAM (Science, Technology, Engineering, Arts and Manufacturing) activities. With access to a variety of tools, materials, fabrication equipment, including 3D printers, a milling machine, and an industrial sewing machine, students attend classes to learn how to use the equipment and create projects guided by volunteer Master Certified Trainers. See Figure K.

Having received funding from CCCS' Innovation and Challenge Awards, the project to create the LCC I&MS was the result of a collaboration between Lamar Community College along with key economic development groups and community leaders. The project organizers studied ways how LCC and community collaborations can enhance economic development as well as learning and career opportunities for both K-12 and LCC students. The collaborators, partners and LCC staff included:

LCC Advanced Manufacturing Director: Kelli Gaines
Faculty Members (Welding Technology): Doug Cash and Terry Martin
Prowers Economic Prosperity Board Members: Mr. Ron Cook, County Commissioner, Dr. Linda Lujan, LCC President; Mr. Rick Robbins, General Manager, Colorado Mills
Lamar City Manager: Mr. John Sutherland
Lamar High School Principal: Mr. Allan Medina
Campo School District Superintendent: Ms. Nikki Johnson
Director of Rural Colorado Apparel Manufacturing Network: Ms. Julie Worley
Director of Ogalla Commons: Dr. Darryl Birkenfeld
CEO/Founder, Fashion Design Center, Denver: Ms. Lisa Ramfjord Elstun
Director Southeast Small Business Development Center: Rachel Patrick
Director of Lamar Public Library: Ms. Sarah McDonnell

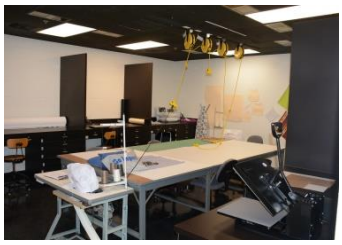


Figure K..
(Top to bottom) LCC's I&MS features certified trainers (Source: LCC), equipment and materials for developing product prototypes or manufacturing original creations.

"President's Community Circle

The President's Community Circle serves as a community voice for LCC and helps to shape strategic directions for the college as it serves the evolving needs

of service-area counties, school districts, cities and towns, business and industry, universities, and non-profit entities. Providing expertise from unique perspectives, members of the Circle play a vital role in helping to ensure that Lamar Community College remains a strong partner in Southeast Colorado. See Figures L. and M. for resource and partnership examples.

“Members are representative of Baca, Cheyenne, Kiowa, and Prowers Counties; knowledgeable of the trends in their area of expertise; aware of the needs in their communities; and committed to promoting higher education for residents in the communities served by LCC.

“Members of the President’s Community Circle aid the College by:

- Sharing information and ideas that reflect community perspectives
- Creating connections and partnerships for the college with various segments of the community
- Offering input to LCC regarding strategic directions and plans for the future
- Identifying under-served populations in the service area
- Assisting in identifying future facilities needs
- Providing advice and support on a variety of college issues
- Serving as knowledgeable ambassadors for LCC in the community

Figure L.
Solar photovoltaic panels in Room 119 at the Betz Technology Center are set up at a student work station for the Renewable Energies Technology program.

“LCC Advisory Council
Five members of the President’s Community Circle serve as members of the LCC Advisory Council on a rotating basis as required by State Board for Community Colleges and Occupational Education (SBCCOE). Members of the LCC Advisory Council advise the college president and the Board on the long-term educational needs of the area served by the college and on other matters identified in statute, by:

- Serving as liaison between the college and area employers in order to facilitate assessment of employment, training and educational needs of the service area
- Connecting the college and local school boards, county commissioners, city councils, other local elected officials and other relevant groups or persons
- Promoting the college’s programs and services among the communities and constituencies in the college’s service area”*

Figure M.
A vibrant public mural, the collaboration of a local artist and LCC students, enhances a Lamar downtown pocket park and parking area.

**Source: Lamar Community College.*

LCC Learning Garden

Another "hands-on" collaboration initiative was put into play with the recent creation of the LCC Learning Garden. The garden, designed and built by students and faculty in the Agriculture, Construction Trades and Renewable Energy programs, and maintained by LCC Facilities, is open to use by LCC students, faculty and staff and the community at large. See photos below.

LCC Economic Value Analysis

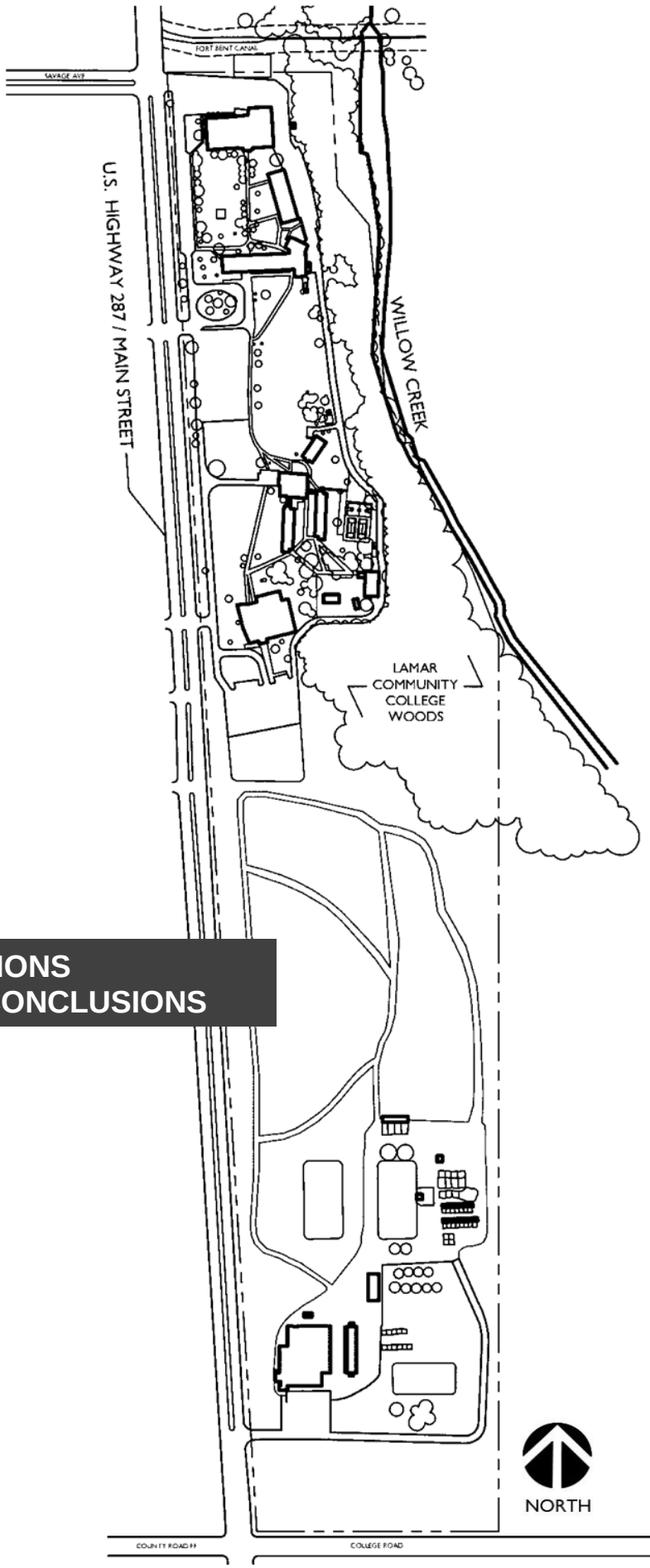
A recent report authored by the company Emsi, a leading provider of economic impact studies and labor market data to educational institutions, was commissioned by LCC to study the College's impact on the regional economy and benefits generated by the college for students, taxpayers, and society. The report, published in May 2017, was based on data from Fiscal Year (FY) 2015-16.*

The impacts' analysis identified a total of $41.1 million in income added to the Lamar Service Area, equating to the support of 1,063 jobs, and approximately 6.4% of the region's total gross regional product (GRP), slightly larger than the region's entire Retail Trade industry. The impacts were broken down into three categories: Operations and construction spending impact ($5.9 million), Student spending impact ($1.9 million), and Alumni impact ($33.3 million), the latter category being a significant impact representing former LCC students employed in the Lamar Service Area, or 895 jobs.

The Return on Investment analysis reported on the average annual return for three groups:

- the Student perspective at 18.5%, attributed to increased earnings over students' working lives. In comparison, the average 10-year return on the U.S. stock market is 7.2 percent;
- the Taxpayer perspective at 7.6%, attributed to students' higher lifetime earnings, increased output of businesses and reduced demand for government-funded services in Colorado;
- the Social perspective at 0.6%, attributed to cumulative savings related to reduced crime, lower unemployment, and increased health and well-being across the state with LCC students active in the state workforce.

**Source: "Analysis of the Economic Impact and Return on Investment of Education, The Economic Value of Lamar Community College Main Report", May 2017, Emsi.*



SECTION III. EXISTING CONDITIONS ASSESSMENT / CONCLUSIONS

III. EXISTING CONDITIONS ASSESSMENT / CONCLUSIONS

III.A. REGIONAL CONTEXT

i. Location and Uniqueness

The location of Lamar Community College is distinct among its sister community colleges in the CCCS system; LCC is considered the educational hub of southeastern Colorado. The City of Lamar, as the County Seat of Prowers County, covers 1,644 square miles of the Great Plains and Arkansas River valley in southeastern Colorado.

The 2004 City of Lamar Comprehensive Plan and the Prowers County Master Plan were created utilizing a joint planning process. In recognizing the large unincorporated area of Prowers County surrounding the City of Lamar, both the City of Lamar and Prowers County reviewed and updated a draft Inter-governmental Agreement (IGA) for the Lamar Joint Planning Area, a three mile area outside of Lamar's municipal boundaries. Per C.R.S. 29-20-105, the State of Colorado allows IGAs between a county and city to address planning issues of mutual interest.*

**Source: Prowers County Master Plan, City of Lamar Comprehensive Plan, HNTB Architects Engineers Planners, 2004.*

LCC's physical campus can be viewed as two halves: the north campus falls within the city lines, and the south campus falls within unincorporated Prowers County. See Figure N. There has been a suggestion from the City of Lamar about the creation of several street addresses to assign to individual campus buildings, and the appropriation of municipal services to the campus. It is recommended that LCC continues to monitor these developments, particularly with the addition of new buildings.

Lamar's unique rural setting also distinguishes the city as one of the best birding destinations in the state of Colorado. With Willow Creek (a portion situated at the LCC Campus proper), the Fairmount Cemetery, and the Riverside Cemetery, the city attracts birding enthusiasts all year, as well as at the annual Snow Goose Festival held in February.*

**Source: www.coloradbirdingtrail.com/site/lamar/*

The presence of Willow Creek and the surrounding riparian area known as the Lamar Community College Woods bordering the LCC Campus to it east provide an inherent natural aesthetic and opportunities to learn the area ecosystems as well as history, particularly the region's history of flooding and survival.

ii. Regional transportation / circulation

Because of its location, the City of Lamar's transportation system is delivered in various forms from private passenger vehicles and public bus service, to train and air service. Some of the following narratives with "*" come from the 2004 Prowers County Master Plan. See Figure N. for regional transportation and LCC city partners.

U.S. Route 287 (**US 287**) is a north–south United States highway that serves as the major truck route between Fort Worth and Amarillo, Texas, and between Fort Collins, Colorado, and Laramie, Wyoming. US 287 / Main Street provides the north-south access through the city as a primary arterial that connects with U.S. Highway 50. During the course of drafting the LCC Facilities Master Plan, a

significant overhaul of US 287 / Main Street through the city had been underway, courtesy of the Southeastern Colorado/CDOT Reconstruction Project and Lamar Partnership Inc./Colorado Main Street Community. In addition to replacing underground utilities and pavement, street medians have been removed to create more curbside parking, ADA ramps have been added, street light fixtures relocated, and pedestrian crossing signals added. The third phase of the project, which addresses the north-south length of the LCC Campus is planned, but the schedule for this work is pending funding.

A development for LCC to consider during their FMP planning period is an upcoming ballot initiative being proposed to Colorado voters, that plans to relocate US 287 and US 50 from downtown Lamar to a new alignment approximately one mile east of Lamar, known as the Lamar Reliever Route. The vote is planned for November 2018.

Air*
The Lamar Municipal Airport, located five miles west of Lamar, is the largest airport for the County. This facility is owned by and operated by the City of Lamar, and caters to general aviation needs.

Railway*
Lamar is located on a major branch of the Burlington Northern Santa Fe Railroad, providing the city with rail access to major shipping points throughout the country. The industrial areas in the northeast portion of the city are served by a series of spur lines. Lamar also has access to rail passenger service. Amtrak provides one westbound and one eastbound train each day through the historic Lamar Depot, the site of the Colorado Welcome Center.

Bus*
Prowers Area Transit Services is a community-based transit system based in Lamar, providing transit service including demand-response service, contact services and special trips. Three vehicles operate on weekdays.

Bustang® is the Colorado Department of Transportation's (CDOT) interregional express bus service (51-passenger capacity), state-owned and state-operated, connecting major populations, employment centers and local transit entities. Bustang® runs 3 main lines associated with I-25/I-70 travel, and just recently introduced the Bustang Outrider™ routes, set up for access to rural areas in Colorado. The Lamar-Pueblo Outrider™ route (with 38-seat passenger capacity) provides a daily roundtrip between Lamar and Pueblo with eight intermediate stops between the cities.

The Lamar Loop
With the assistance of a Great Outdoors Colorado (GOCO) grant, a multiuse trail called the Lamar Loop is designed to circle the City with a total of nine miles of trails. The loop trail plans for an 8-foot wide concrete trail for most locations and crusher fines in some areas. Activities on the trail will support walking, biking, family recreation, in-line skating, and horseback riding. The first leg of the Loop anticipates completion in Fall 2018. See Figure N. LCC and the community at large will be positively impacted by the addition of this health and safety amenity, as another source of recreation.

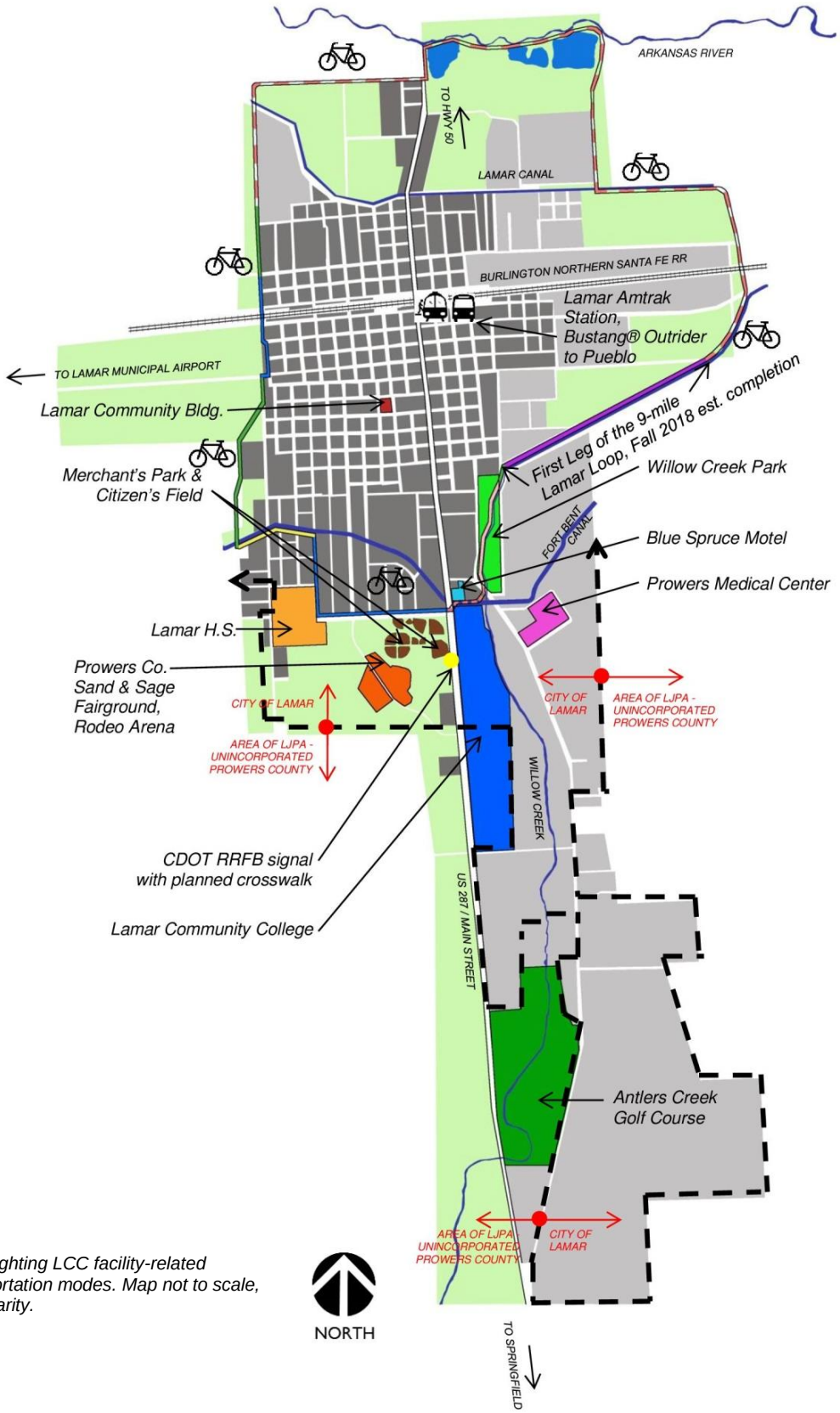


Figure N.
City of Lamar Map highlighting LCC facility-related partners and city transportation modes. Map not to scale, not all lines shown for clarity.

III.B. CAMPUS BUILDING FUNCTIONS

i. Campus Building Functions

Lamar Community College conducts all its academic operations at one campus site, which is located in the city of Lamar, Colorado. The 109 acre site is situated on both Lamar city limits and unincorporated Prowers County. LCC provides distance learning classes at their campus to service their four-county service area. LCC is also one of five colleges in the CCCS system that provides dormitory housing for resident students. LCC's Athletic programs lease nearby off-campus facilities: Merchants Park and Citizens Field (part of the Lamar Sports Complex), the Sand and Sage Fairgrounds, and the Spreading Antlers Golf Course.

ii. Land Uses Adjacent to Campus

The land uses adjacent to the LCC Campus represent a mix of commercial uses, an education agriculture district, and residential zones of varied density – see Figure O. The Prowers County Sand and Sage Fairgrounds border the campus at its northwest, along with Merchants Park, Citizens' Field and an indoor batting facility. Also west are the offices for the Colorado Division of Wildlife and a CPA firm, Sundance High Plains RV Park, and open space. Located south of College Road, the campus' south boundary, are the offices of the Arkansas River Power Authority (ARPA), commercial offices, a church building, and multi-family housing. To the east and northeast is a residential zone separated by Willow Creek. The campus is bounded directly to its north by a small open space owned by the City of Lamar, containing a Lamar Light and Power-owned utility substation and a city-owned overflow parking lot. A section of the Fort Bent Canal also borders the campus, along with the Blue Spruce Motel and commercial restaurants. The canal connects to adjoining Willow Creek and the Willow Creek Nature Trail, which continues through historic Willow Creek Park.

Lamar Community College monument sign at campus entrance.

Properties surrounding the LCC Campus include (Top to bottom): Prowers County Sand and Sage Fairgrounds, Citizens Field, Fort Bent Canal and the Blue Spruce Motel, Willow Creek & Nature Trail, multi-family housing and open space along College Road.

Figure O.
Zoning / Land Use Map of Lamar Community College and surrounding areas. No scale.

III.C. BUILDING LOCATIONS MAP

The LCC Campus contains nine buildings plus ancillary structures totaling approximately 269,079 GSF. See Figure P. for building locations and respective GSF.

BUILDING LOCATIONS LEGEND

A	Betz Technology Center	**34,011 GSF**
B	Storage – Construction Trades	**120 GSF**
C	Trustees Building	**27,842 GSF**
D	Bowman – combined West & East Buildings	**40,849 GSF**
E	Irrigation Pump House	**120 GSF**
F	Prowers House Dormitory	**5,096 GSF**
G	Todd-Burch Residence Hall, Kelley Union Cafeteria	**59,016 GSF**
H	Welding Shop	**4,800 GSF**
I	Storage – Renewable Energies	**80 GSF**
J	Storage Container	**400 GSF**
K	Facility Operations Building	**1,800 GSF**
L	Wellness Center	**38,388 GSF**
M	Livestock Shelter - Loafer Shed (combined GSF)	**3,840 GSF**
N	Storage - Rodeo	**120 GSF**
O	Rodeo Announcer Booth	**50 GSF**
P	Hay Barn	**4,000 GSF**
Q	Sawdust Shed	**458 GSF**
R	Horse Barn	**6,300 GSF**
S	HTM Building with Indoor Arena	**41,789 GSF**
	TOTAL CAMPUS Gross Square Footage	**269,079 GSF**

Figure P.
Plan of Lamar Community College Campus. No scale.

III.D. CURRENT SPACE INVENTORY

The Facilities Space Inventory is a comprehensive list of all interior assignable space, or ASF, in a building. All space is broken down by a code classification system set forth by the 2006 edition of the Postsecondary Facilities Inventory Classification Manual or FICM, published by the U.S. Department of Education Institute of Education Sciences (IES) National Center for Education Statistics. The Space Inventory also documents space by room number, room name, room function, department, College and/or Administrative Unit, Station Count (where applicable), Student Count (where applicable), assignable square footage ASF, and comments, as observed in Fall of 2017 – see Figure Q. for an excerpt. The Consultants also provided additional information in the inventory on some non-assignable space to inform the reader of certain rooms that are not scheduled nor intended for a specific use. The Consultants highly recommend for LCC to access and refer to the Facilities Space Inventory for the scheduling and planning of academic and non-academic space. It is from this inventory that analysis of space utilization can be understood and properly applied. Refer to Appendix V.D for the complete Facilities Space Inventory at the LCC Campus.

Lamar Community College - Assignable Square Footage — FACILITIES INVENTORY

Note: Not all spaces have been verified. Some non-assignable spaces have been included, and are distinguished in italics. — 11/28/2018

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Betz Technology Center								
100	210	Teaching Lab./ Mixed Media	Arts, Innovate & Make Space	VP of Academic and Student Services		15+	1043	
101	210	Teaching Lab./ Jewelry, Ceramics	Arts, Innovate & Make Space	VP of Academic and Student Services		18	767	Incl. kiln, potter wheel, digital milling machine
103	210	Teaching Lab / Computer Lab	Business, Drafting	VP of Academic and Student Services		28	829	Incl plotter, hidden computer monitor desks
105	315	Office Service / Storage	Student Services	VP of Academic and Student Services			95	
106	310	Office / Faculty	Arts	VP of Academic and Student Services	1		98	former dark room w/ 2 sinks, acid neutralization
107	210	Teaching Lab / Sewing Room	Innovate & Make Space	VP of Academic and Student Services		10	463	
107A	215	Teaching Lab. Service / Ante Room	Arts, Innovate & Make Space	VP of Academic and Student Services			35	
110	310	Office / Manager	Innovate & Make Space	VP of Academic and Student Services	1		112	
111	310	Office / Faculty	Agriculture	VP of Academic and Student Services	1		122	
112	310	Office / Faculty	EMS	VP of Academic and Student Services	1		111	
113	310	Office / Dept. Head, Faculty	Agriculture	VP of Academic and Student Services	1		115	
114	310	Office / Student Senate	Student Government Association	Auxilliary / VP of Admin. Serv. & Inst. Effect.	2		105	
115	310	Office / Director	Foundation, Institutional Advancement		1		170	
116	310	Office / Reception, Workstudy	Foundation, Institutional Advancement		1		136	
117	*Y04*	*Utility Space / Elevator Room*						*Non-assignable*
118	210	Teaching Lab./ Wood, Elect., Solar	Construction Trades / Renewable Energies	VP of Academic and Student Services		15	933	Various stations: table with 7 chairs, workbenches, eqpt.
119A	*Y04*	*Mech. Room*						*Non-assignable*
119B	*Y04*	*Main Electrical Room*						*Non-assignable*
119C	*Y04*	*IT Closet*						*Non-assignable*
120	110	Classroom / Const. Trades, Ren. Energies	Construction Trades / Renewable Energies	VP of Academic and Student Services		17	578	O/H projector, round tables
121	310	Office / Faculty, Storage	Construction Trades / Renewable Energies	VP of Academic and Student Services	1		89	Incl. tool storage, eqpt. issue function
122	650	Lounge / Nursing Mother's Room		VP of Admin. Serv. & Inst. Effect.	1		110	
123	*X01*	*Custodial Supply Closet / Housekeeping*					*92*	*Non-assignable*
124	310	Office / Adjunct Faculty		VP of Academic and Student Services	1		106	Door/window adjacent to Constr. Trades Lab are blocked.
128	050	Inactive					129	Copy Room moved to Trustees F2017
129	310	Office / Residence Life	Residence Life	Auxilliary / VP of Admin. Serv. & Inst. Effect.	1		136	LOCKED - DID NOT ACCESS
130	110	Classroom / Distance Learning	Online Learning	VP of Academic and Student Services		14	394	Mobile screen
131	*X02*	*Janitor Room*						*Non-assignable, mop sink*
132	050	Inactive					450	Shipping & Receiving moved to Trustees in F2017; room has double sink, access ladder to Mezzanine
133	050	Inactive					263	Mezzanine Storage
134	660	Merchandising / Snack, beverage store		Auxilliary			1211	Bookstore operations moved F2017; space operated intermittently as student run store, study space
135	050	Inactive					106	Bookstore office moved F2017
136	650	Lounge	General Use Lounge				329	Outside of Bookstore
136A	650	Lounge	General Use Lounge				484	Outside of Foundation Office
201	110	Classroom / Lecture classroom	Nursing	VP of Academic and Student Services		34	1098	O/H projector, raised floor
202	215	Teaching Lab Serv. /Meds Supply Stor.	Nursing	VP of Academic and Student Services			108	
203	*Y04*	*Utility Space / Electrical*					103	*Non-assignable, electrical w/ Roof Access*
204	215	Teach Lab. Service/ EMT Storage	EMS	VP of Academic and Student Services			86	
205	210	Teaching Lab / Nursing SIM & EMT	Nursing & EMT	VP of Academic and Student Services		10-20	1300	Incl. observation stations (2), 8-seat room, 6 SIM beds, storage, meds; 10 min. student stations, 20 max. student stations
206	310	Office / Director, Faculty	Nursing	VP of Academic and Student Services	1		155	
207	310	Office / Faculty Admin Asst II	Nursing	VP of Academic and Student Services	1		153	
208	350	Conference Room / Nursing	Nursing	VP of Academic and Student Services	9		318	9 Seats
209	310	Office / Coordinator	Recruitment	VP of Admin. Services / Instit. Effective.	1		117	
211	310	Office / Faculty	Nursing	VP of Academic and Student Services	1		101	
212	310	Office / Faculty	Nursing	VP of Academic and Student Services	1		108	

Appendix V.D. Facilities Inventory Page 1 of 17

Figure Q. *Excerpt of Facilities Inventory. Source: Hall Architects.*

III.E. OVERVIEW OF CURRENT SPACE UTILIZATION / SPACE NEEDS: ANALYSIS

Classroom and Teaching Laboratory Utilization

The utilization of classrooms and teaching laboratories on the LCC campus was examined using the fall term 2017 course file and facility inventory data. Understanding how classrooms and teaching laboratories are scheduled and utilized provides the foundation for and assists in the understanding of space standards and guidelines.

Classroom Utilization

The utilization analysis includes scheduled classroom use. There are always exceptions or caveats to the raw data in the utilization analysis. Issues such as cross-registration, zero enrollment courses, on-line and off-site courses, and missing information were clarified as needed prior to the analysis.

Scheduled Classroom Use by Day/Hour

The following chart illustrates classroom use for the Fall 2017 semester.

Time of Day	*Monday*		*Tuesday*		*Wednesday*		*Thursday*		*Friday*		*Average*	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	10	50%	6	30%	10	50%	5	25%	0	0%	6	31%
8:30 AM	10	50%	6	30%	10	50%	5	25%	0	0%	6	31%
9:00 AM	11	55%	7	35%	11	55%	6	30%	1	5%	7	36%
9:30 AM	14	70%	11	55%	15	75%	9	45%	1	5%	10	50%
10:00 AM	14	70%	10	50%	15	75%	8	40%	2	10%	10	49%
10:30 AM	14	70%	8	40%	15	75%	7	35%	2	10%	9	46%
11:00 AM	8	40%	11	55%	8	40%	10	50%	2	10%	8	39%
11:30 AM	7	35%	11	55%	7	35%	10	50%	2	10%	7	37%
12:00 PM	6	30%	10	50%	7	35%	10	50%	1	5%	7	34%
12:30 PM	0	0%	0	0%	1	5%	0	0%	1	5%	0	2%
1:00 PM	4	20%	4	20%	5	25%	4	20%	1	5%	4	18%
1:30 PM	4	20%	4	20%	5	25%	4	20%	1	5%	4	18%
2:00 PM	4	20%	3	15%	5	25%	3	15%	1	5%	3	16%
2:30 PM	4	20%	2	10%	5	25%	2	10%	1	5%	3	14%
3:00 PM	4	20%	2	10%	5	25%	2	10%	1	5%	3	14%
3:30 PM	1	5%	1	5%	2	10%	1	5%	0	0%	1	5%
4:00 PM	1	5%	1	5%	2	10%	1	5%	0	0%	1	5%
4:30 PM	1	5%	1	5%	2	10%	1	5%	0	0%	1	5%
5:00 PM	0	0%	0	0%	1	5%	0	0%	0	0%	0	1%
5:30 PM	6	30%	2	10%	7	35%	1	5%	0	0%	3	16%
6:00 PM	9	45%	4	20%	8	40%	3	15%	0	0%	5	24%
6:30 PM	9	45%	4	20%	7	35%	3	15%	0	0%	5	23%
7:00 PM	8	40%	3	15%	6	30%	2	10%	0	0%	4	19%
7:30 PM	5	25%	3	15%	4	20%	2	10%	0	0%	3	14%
8:00 PM	3	15%	3	15%	2	10%	2	10%	0	0%	2	10%

Total classrooms = 20

(Darker colors indicate a large percentage of rooms are scheduled.)

The chart indicates the scheduled use of the 20 general purpose classrooms on the LCC campus. The outcomes of the analysis reveal that the heaviest classroom use for the Fall 2017 semester occurred from 9:30 to 11:00 AM on

Wednesday when 75% of the classrooms were in use. Overall, classroom use was greatest on Monday and Wednesday, both morning and evening. On those days, classrooms were in greatest demand from 8:00 to 11:00. On Tuesday and Thursday, the greatest demand was 9:30 to 12:30. Classroom use declined significantly in the afternoon all week with a slight increase in early evening. Overall, ample classrooms are available at all times.

Classroom Utilization by Building

A classroom utilization analysis was completed at the room level with statistical averages for each building and for the campus as a whole.

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enroll-ment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
Betz Building									***No. of Rooms = 5***
LBZ 120	110	578	17	34	14	42	2.5	3	82%
LBZ 130	110	394	14	28	11	169	12.0	15	80%
LBZ 201	110	1,098	34	32	14	457	13.4	25	55%
LBZ 229	110	634	28	23	17	145	5.2	7	70%
LBZ 243	110	655	28	23	9	33	1.2	4	29%
Average		*672*	*24*	*28*	*13*		*7.0*	*11*	*64%*
Total		*3,359*	*121*			*845*		*54*	
Bowman Building (West)									***No. of Rooms = 11***
LBW 128	110	537	24	22	20	243	10.1	12	84%
LBW 138	110	1,224	58	21	24	334	5.8	12	46%
LBW 150	110	541	24	23	13	120	5.0	9	56%
LBW 219	110	545	24	23	15	177	7.4	12	61%
LBW 220	110	539	24	22	13	288	12.0	21	57%
LBW 221	110	541	24	23	22	201	8.4	9	93%
LBW 222	110	535	24	22	15	394	16.4	24	70%
LBW 232	110	545	24	23	13	39	1.6	3	54%
LBW 233	110	543	24	23	15	198	8.3	15	55%
LBW 234	110	541	24	23	12	156	6.5	13	50%
LBW 235	110	552	10	55	7	92	9.2	13	71%
Average		*604*	*26*	*25*	*15*		*7.9*	*13*	*63%*
Total		*6,643*	*284*			*2,242*		*143*	
Trustees Building									***No. of Rooms = 4***
LTR 114	110	920	40	23	34	123	3.1	4	83%
LTR 209	110	960	20	48	9	137	6.8	15	47%
LTR 217	110	1,125	30	38	15	319	10.6	21	51%
LTR 219	110	994	28	36	18	417	14.9	22	68%
Average		*1,000*	*30*	*36*	*19*		*8.4*	*15*	*58%*
Total		*3,999*	*118*			*996*		*61*	
AVERAGE		700	26	28	16		7.8	13	62%
TOTAL		14,001	523			4,083		258	
NO. OF ROOMS		20							

General purpose classrooms were noted in three buildings on the campus: five rooms in Betz, eleven in Bowman, and four in Trustees.

The five classrooms in Betz contained an average of 672 assignable square feet (ASF) each. The rooms averaged 28 ASF per student station, with an average section or course size of 13 students. The 11 Average Weekly Room Hours is the number of hours (averaged over the semester) that the five classrooms were scheduled for instruction each week. The Hours in Use Student Station Occupancy of 64% is the average number of seats filled during scheduled use of the room. The Weekly Seat Hours (7.0) is the average room hours multiplied by the student station occupancy and is a measure of utilization efficiency, the number of hours per week each classroom seat in the building was occupied.

Campus-wide, classrooms were utilized 13 weekly room hours at 62% student station occupancy with an average of 28 ASF per station.

Classroom Utilization analysis by Capacity
The classroom utilization by room capacity analysis below suggests that most rooms are being scheduled near their intended capacity. However, some rooms are scheduled for very few hours per week.

Classroom Capacity Grouping	No. of Rooms	No. of Seats	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
20 and Under	4	61	621	41	10	7.2	11	67%
21 - 25	9	216	541	23	15	8.4	13	64%
26 - 30	4	114	852	30	15	8.0	14	59%
31 - 35	1	34	1,098	32	14	13.4	25	55%
36 - 40	1	40	920	23	34	3.1	4	83%
51 - 60	1	58	1,224	21	24	5.8	12	46%
Total No. of Rooms = 20	**AVERAGE**		**700**	**28**	**16**	**7.8**	**13**	**62%**

National Perspective on Classroom Utilization
More than half the 50 States either have a statewide utilization expectation, or there are specific expectations in one or more of their public higher education systems.

The lowest classroom utilization guideline currently in use is approximately 30 hours per week. This figure used to be a widely accepted standard and remains the most commonly used expectation today. In many jurisdictions, it was based on day usage only with evening and weekend usage being excluded from the expectation. More recently, common practice has been using this guideline as a full day expectation.

A few states have much higher utilization targets. The average of those systems which have classroom utilization guidelines is now 38 weekly room hours as states monitor the efficiency of physical resources.

In a comparison of utilization studies for more than 180 campuses, the most common is between 32 and 36 average weekly room hours for rooms specifically scheduled for instruction.

The second utilization factor which is normally part of the utilization expectation in jurisdictions that have adopted guidelines is the percentage of seats occupied when rooms are in use. The most widely used guideline is 60%.

There has recently been a strong push in many states to increase the utilization factor to 67%. One jurisdiction has gone to 75% for a particular subset of classrooms, while the Colorado Community College System has recently adopted a guideline of 68% student station occupancy (SSO). It is important to note that rural community colleges tend to have average smaller section sizes due to the need to offer a comprehensive curriculum with a modest total enrollment, thus recommended SSO guidelines would tend toward the low end of the guideline range.

Pedagogy and the Learning Environment

Technological advancements and recent changes in pedagogy place demands on physical space, especially classrooms. These demands can best be described based on the assignable square feet per student station (ASF/Station). While there is still a need for lecture type rooms where seat count can be maximized, there is also an increasing need for rooms that can accommodate a variety of teaching methods and pedagogies.

The following ASF/Station is recommended for several classroom types:

- Traditional Classroom: 20 to 22 ASF/Station with table and chair or tablet arm chair configurations.
- Traditional Classroom for Collaborative (group) Methods: 25 to 32 ASF/Station accommodates flexibility in furniture arrangements and group presentation systems.
- Seminar Classroom: 25 to 30 ASF/Station where students typically face each other in a conference style or U-shaped arrangement.

See Appendix V.E. for Classroom Utilization Analysis by Room, and Appendix V.F. for Paulien State Guideline Study of classroom utilization for community colleges.

Images of active classrooms with flexible furnishings. Source: Paulien &Associates.

Classroom Utilization Analysis Summary

The utilization of classrooms at Lamar Community College demonstrates there are ample opportunities to schedule additional courses with existing physical resources and to repurpose some classrooms for other uses.

While the average 28 ASF per station would indicate that existing classrooms could reflect contemporary pedagogical trends and be converted into active learning spaces, most classrooms on campus have 22 to 23 ASF per station with the average skewed higher by a few outliers.

Teaching Laboratory Utilization

During the Fall 2017 semester there were 8 rooms with scheduled instruction classified as discipline class laboratories and computer laboratories on the LCC campus. Discipline class laboratories have specialized equipment and typically include instructional areas used for science, art, and career and technical programs. Also included are computer “classrooms” with specialized software.

Laboratories included in the LCC analysis were those for art, business, construction trades, cosmetology, agriculture, and welding. The nursing and science labs were not included as there are no courses scheduled in those rooms. They are used on an as needed basis by courses scheduled in adjacent classrooms, and therefore classified as Open Labs.

Scheduled Laboratory Use by Day/Hour
The following chart illustrates teaching laboratory use for the Fall 2017 semester.

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	5	63%	6	75%	5	63%	6	75%	0	0%	4	55%
8:30 AM	5	63%	6	75%	5	63%	6	75%	0	0%	4	55%
9:00 AM	6	75%	6	75%	6	75%	6	75%	1	13%	5	63%
9:30 AM	6	75%	5	63%	6	75%	5	63%	1	13%	5	58%
10:00 AM	6	75%	5	63%	6	75%	5	63%	1	13%	5	58%
10:30 AM	6	75%	4	50%	6	75%	5	63%	1	13%	4	55%
11:00 AM	6	75%	4	50%	6	75%	5	63%	1	13%	4	55%
11:30 AM	5	63%	3	38%	5	63%	4	50%	1	13%	4	45%
12:00 PM	6	75%	4	50%	6	75%	4	50%	1	13%	4	53%
12:30 PM	2	25%	2	25%	2	25%	2	25%	0	0%	2	20%
1:00 PM	3	38%	5	63%	3	38%	5	63%	0	0%	3	40%
1:30 PM	4	50%	6	75%	4	50%	6	75%	0	0%	4	50%
2:00 PM	4	50%	6	75%	4	50%	6	75%	0	0%	4	50%
2:30 PM	4	50%	4	50%	4	50%	4	50%	0	0%	3	40%
3:00 PM	2	25%	3	38%	2	25%	3	38%	0	0%	2	25%
3:30 PM	2	25%	3	38%	2	25%	3	38%	0	0%	2	25%
4:00 PM	2	25%	3	38%	2	25%	3	38%	0	0%	2	25%
4:30 PM	2	25%	3	38%	2	25%	3	38%	0	0%	2	25%
5:00 PM	1	13%	2	25%	2	25%	2	25%	0	0%	1	18%
5:30 PM	2	25%	1	13%	2	25%	1	13%	0	0%	1	15%
6:00 PM	2	25%	2	25%	2	25%	1	13%	0	0%	1	18%
6:30 PM	2	25%	2	25%	3	38%	1	13%	0	0%	2	20%
7:00 PM	1	13%	2	25%	2	25%	1	13%	0	0%	1	15%
7:30 PM	1	13%	2	25%	2	25%	1	13%	0	0%	1	15%
8:00 PM	1	13%	2	25%	1	13%	1	13%	0	0%	1	13%

Total laboratories = 8

The chart indicates the scheduled use of the eight dedicated teaching laboratories on the LCC campus. As with the general purpose classrooms, the teaching laboratories are more heavily used in the mornings. Several rooms are scheduled all day by their respective discipline.

Teaching Laboratory Utilization by Building
Of the eight labs on campus, five are in Betz, for art, business, and construction trades. The two in Trustees are cosmetology and soils/agronomy/animal science. The computer lab in Betz, the cosmetology lab, and the welding lab are heavily scheduled.

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enroll-ment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
Betz Building									*No. of Rooms = 5*
LBZ 100	210	1,043	15	70	7	83	5.6	11	49%
LBZ 103	210	829	28	30	21	623	22.2	30	74%
LBZ 118	210	933	15	62	8	104	6.9	13	53%
LBZ 230	210	724	24	30	13	256	10.7	19	56%
LBZ 244	210	797	28	28	11	115	4.1	10	40%
	Average	*865*	*22*	*44*	*12*		*10.7*	*17*	*59%*
	Total	*4,326*	*110*			*1,181*		*84*	
Trustees Building									*No. of Rooms = 2*
LTR 112	210	2,339	42	56	25	900	21.4	36	60%
LTR 226	210	972	28	35	14	283	10.1	21	49%
	Average	*1,656*	*35*	*45*	*20*		*16.9*	*28*	*56%*
	Total	*3,311*	*70*			*1,183*		*57*	
Weld Shop									*No. of Rooms = 1*
WELD 101	210	3,793	18	211	12	464	25.8	40	65%
	Average	*3,793*	*18*	*211*	*12*		*25.8*	*40*	*65%*
	Total	*3,793*	*18*			*464*		*40*	
AVERAGE		1,429	25	65	14		14.3	23	59%
TOTAL		11,430	198			2,828		180	
NO. OF ROOMS		8							

National Perspective on Laboratory Utilization

As with classroom utilization, laboratory guideline targets are usually implemented by states, systems, or institutions within the public higher education sector. These targets tend to oversimplify the use of teaching laboratories. Some guideline targets are based on discipline while others are based on the intensity in which a discipline relies on laboratories for instructional delivery.

The most used guideline targets have expectations of 20 hours per week at an 80% student station occupancy rate. In an effort to increase laboratory use, one state has raised utilization goals to an extreme of 40 hours per week at 85% student station occupancy. One set of published guidelines recommends 11 weekly room hours for certain heavily equipped labs such as engineering, agriculture, and selected health professions but maintains the 80% student station occupancy rate.

While 80% student station occupancy is the most used rate in guideline targets, including CCCS, most colleges rarely achieve it. In reality, occupancy averages typically range between 68% and 76% See Appendix V.G. for Laboratory Utilization Analysis by Room and Appendix V.H. for Paulien State Guideline Study of laboratory utilization. It is important to note that rural community colleges tend to have lower laboratory utilization due to the need to offer the full range of science, computer-based and other courses that require unique space, and recommended lab SSO guidelines would be lower accordingly.

Laboratories tend to be subject specific and do not lend well to sharing among disciplines. However, more laboratories are being used for interdisciplinary

activities which can assist in achieving higher weekly room hour usage. Conversely, if discipline class laboratories are required for interdisciplinary activities then scheduled use may be lower.

Laboratory Summary
Laboratories have additional time demands that classrooms typically do not have. For example, there is setup and preparation time required, sometimes for a class, sometimes for the day. Other laboratories require an experiment or project to stay set up for multiple lab sessions or the entire semester which excludes the room from other scheduled activity. As a result, expectations are typically lower than classrooms.

Guideline Application for Space Needs Analysis
Space category definitions and guidelines developed for Lamar Community College are described below. Application of the selected guidelines will be used to determine campus space needs at the base year and two target years.

Space planning guidelines can span from the "micro" to the "macro" level. Micro-level guidelines include detail normally developed during room-by-room program planning of specific facilities. Macro-level guidelines are usually at the space category level (i.e., classrooms, offices, library) as part of a campus-wide study or long-range facility master plan. For LCC, the guidelines and the space needs analysis are at the macro- level.

Physical space parameters were divided into the following separate categories, consistent with the classification system outlined in the *Postsecondary Education Facilities Inventory Classification Manual, 2006 Edition*, as published by the U.S. Department of Education, National Center for Education Statistics and categories unique to Lamar Community College:

- Classroom and Service
- Teaching Laboratories and Service
- Open Laboratories and Service
- Recreation and Athletics
- Horse Training Center
- Offices and Service
- Learning Resource Center
- Assembly and Exhibit
- Physical Plant
- Other Department Space
- Informal Learning Space
- Student Center
- Residence Life

Unless otherwise noted, all space is indicated in assignable square feet (ASF). ASF is defined as the area measured within the interior walls of a room that can be assigned to a program. ASF does not include circulation, mechanical, or building service spaces, therefore space standards were not developed for these spaces. The appropriate conversion to GSF is determined based on design parameters such a building type and climate requirements. Converting assignable space to gross square feet usually adds approximately 30% to 50% to the assignable space amount.

Classroom and Service
Classrooms are defined as any room generally used for scheduled instruction requiring no special equipment and referred to as a "general purpose" classroom, seminar room, or lecture hall. Classroom service space directly supports one or more classrooms as an extension of the classroom activities, providing media space, preparation areas, or storage. The classroom station size is considered as including the classroom service area space.

There are three variables for classrooms in the guideline equation: weekly room hours, student station occupancy, and square feet per station. See Figure R. LCC does not have a standardized set of classroom utilization expectations nor does it have a set of space standards to which it is required to adhere.

The selected classroom utilization targets for LCC indicate that each classroom should be scheduled 25 hours per week with a student station occupancy (student station fill) of 60% when the room is in use.

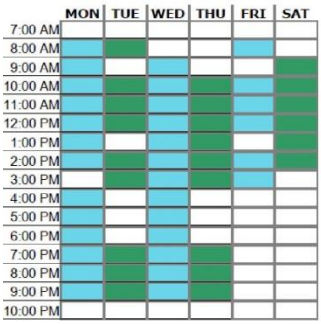
Many guidelines for classroom space were developed at a time when tablet armchair and table and chair classrooms were the predominant seating preference. These guidelines called for 16 to 20 ASF per student station, which is significantly lower than what today's active classrooms require. Classrooms that have good sight lines, which are required by technology and flexible seating arrangements, usually average 25 ASF per student station, which is the guideline established for LCC. See Figure S. for an example of a classroom.

Figure S.
Nursing Classroom, Betz Technology Center Room 201. Source: LCC.

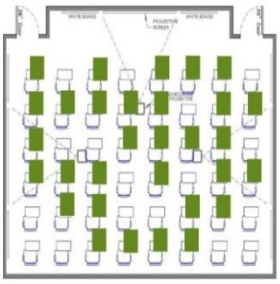
Teaching Laboratories and Service
Teaching laboratories are defined as rooms used primarily by regularly scheduled classes that require special purpose equipment to serve the needs of particular disciplines for group instruction, participation, observation, experimentation, or practice. See Figure T. for an example of a teaching lab.

The scheduled weekly room hour average for teaching laboratories is generally found to be less than the scheduled use of classrooms due to the need for preparation time of specialized equipment prior to class. Conversely, the student station occupancy is normally higher as the number enrolled in a laboratory exercise is more closely monitored, safety being a key issue as well as the limitations of faculty observation. For LCC, utilization goals of 20 weekly room hours and 70% student station occupancy were used for all disciplines.

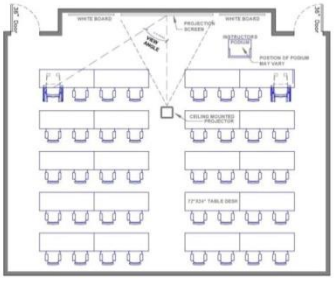
Station sizes in teaching laboratories vary by discipline. Space requirements are calculated with a formula that is similar to those used to determine classroom space requirements, except that the ASF per student station varies. For LCC the following ASF/student station was used:



Weekly Room Hours
The average number of hours per week a room is scheduled over a term or semester



Student Station Occupancy
The average percent of seats filled when a room is occupied during scheduled use.



ASF Per Station
The amount of space per student station. A 960 ASF classroom with 40 stations = 24 ASF/Station

Figure R.
Classroom Utilization Definitions. Source: Paulien & Associates.

- Art 60 ASF/student
- Agriculture 60 ASF/student
- Computer-Based Lab 40 ASF/student
- Construction Trades 140 ASF/student
- Cosmetology 80 ASF/student
- Renewable Energy 140 ASF/student
- Welding 140 ASF/student

Figure T.
Welding shop lab.

Open Laboratories and Service
The space classified as Open Laboratories includes rooms that are open for student use, and that are not used on a regularly scheduled basis. These rooms may provide equipment to serve the needs of a particular discipline for group instruction in informally or irregularly scheduled classes. Alternatively, these rooms are used for individual student experimentation, observation, or practice in a particular field of study.

The size of these laboratories is based on equipment size, the station size, and student count desired and, therefore, should be determined on an individual basis. Rooms at Lamar Community College in this category include computer laboratories and tutorial and testing facilities. Due to the unique LCC scheduling of science and nursing labs at LCC, these labs are also included in the Open Lab category.

A guideline of 3 ASF per student was applied based on experience at community colleges similar to LCC, with additional space allocation for science and nursing, as follows:

- Nursing - 3,000 ASF in the Base Year to accommodate current enrollment and 4,000 ASF in both of the target years based upon projected enrollment growth.
- Science - 3,000 ASF to provide for two flexible science labs.

Recreation and Athletics
Recreation and athletics space is a room or area used by students, staff, or the public for athletic or recreational physical activity. This category includes gymnasia, basketball courts, handball courts, squash courts, wrestling rooms, weight or exercise rooms, racquetball courts, indoor swimming pools, indoor tracks, and field houses. See Figure U. for typical athletic spaces.

Space for athletics typically also includes space for concessions, training facilities, locker/shower rooms, and meeting/viewing/conference facilities required to support intercollegiate athletics. Space needs calculated in this report are for indoor space only and do not include the needs of outdoor athletic fields and other facilities.

Due to the varied space requirements of indoor athletics program space, there is no one guideline that addresses this space category. Athletic space needs are usually based on the number and competitive level of the intercollegiate athletic activities. LCC has an extensive athletics program, with teams in: baseball, men's and women's basketball, golf, softball, volleyball, and men's and women's rodeo. There is also a junior varsity basketball team, and a soccer team is being established. As a significant percentage (over 28%) of the on campus population participates in Athletics, a guideline larger than typical for a community college, 45 ASF/student was applied.

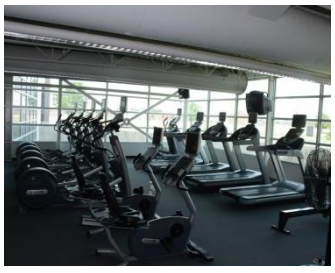


Figure U.
Wellness Center gymnasium (top), Weight and Cardio Room (bottom).

Horse Training Center
Lamar Community College has a robust horse training and management program. During discussions on campus, a need for additional arena space was identified. Safe arena use practices indicate that a maximum of 15 students should be using a space the size of the LCC arena simultaneously. Current scheduling practices require use of outdoor arena space, which is not available during inclement weather. Since the program has been able to make the current space work, and there is the opportunity for increased capacity with revisions to the scheduling approach, the current space was determined to be adequate in the Base Year.

An additional space allocation of 25,000 ASF is included in Target Year 1 to provide for a second arena structure, similar in area size to the current space to abate scheduling concerns and maintain safe guidelines. The Planning team believes this guideline can be accommodated in a structure that can be physically adapted to a potentially larger future arena, which can meet arena dimensions desired by the HTM program, as well as other program spaces.

Office Space (Academic and Administrative) and Service
The guideline application for office space needs is based upon major categories of staff types and the additional application of space amounts for office service and conference space needs. Office space usually consists of at least three types of space: offices and workstations, conference rooms, and office service space - see Figure V. for an example. Office service space includes work rooms, file rooms, supply rooms, reception areas, and other rooms usually found in an office suite environment.

Office Space Guidelines for LCC include:

President	300 ASF office plus 130 ASF conference and service
Dean	160 ASF office plus 130 ASF conference and service
Vice President	160 ASF office plus 130 ASF conference and service
Director	120 ASF office plus 70 ASF conference and service
Coach	120 ASF office plus 70 ASF conference and service
Faculty	120 ASF office plus 50 ASF conference and service
Instructor	60 ASF office plus 40 ASF conference and service
Professional	120 ASF office plus 20 ASF conference and service
Admin. Support	80 ASF office plus 10 ASF support
APT Regular Hourly	60 ASF office plus 10 ASF support
Police Officer	60 ASF office

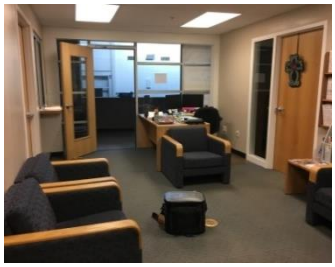


Figure V.
Student Services office suite, Betz Technology Center.

Learning Resource Center
The learning resource center of today is a central hub of learning activity. From student surveys, LCC's LRC was identified as one of the top preferred places for studying - see Figure W. Students use a learning resource center to acquire relevant instructional resources through on-line and print sources. In consultation with learning resource specialists, students become familiar with on-line bibliographic search engines and other resources to locate relevant instructional materials. Multiple networked computers are usually accessible to students. Students expect to be able to bring their own devices and connect to the College's network or local wireless systems. The learning resource center also contains space for individual and group study rooms and provides presentation systems and other ways for students to engage in academic course content.

Figure W.
Learning Resource Center (LRC), Bowman East Building.

Most planning models do not include guideline factors for a Learning Resource Center. Guidelines that have been established use one set of factors for

collections, another for student study stations, and a third for service space and staff.

For library collections, a guideline of 0.10 ASF per volume for collection space was utilized as there is no compact shelving in use. In work sessions with the campus librarian, the number of book volume equivalents is expected to increase by approximately 3,000 over the planning period to 14,000. This includes books, serials, unbound serials, and maps. The audio/visual materials are also expected to increase over the planning period.

Student station space calculations are based on a percentage of total student population. To account for the likelihood of a greater percentage of students being in the Center at any one time on a small campus, the guideline applied was 20% of the on-campus headcount (124 stations in the base year), at 25 ASF per station.

Service space is calculated on a percent of the total collection and reader station space. The guideline used was 10% of the total collection and student station space for service and staff space.

Assembly and Exhibit Space

For a community college, assembly and exhibit space usually includes rooms designed and equipped for the assembly of a large numbers of people, such as theaters or auditoriums. LCC's Bowman Large Lecture Hall, see Figure X., is scheduled not only for academics but also for community presentations and entertainment. Exhibit spaces are used for exhibition of materials, works of art, or artifacts intended for general use by students and the public.

Figure X.
Large Lecture Hall, Room 139, Bowman Building.

A nationally recognized two-year assembly and exhibit guideline includes a core of 5,600 ASF plus additional space for active music and theater programs. This was used for LCC.

Physical Plant

Physical Plant space includes carpentry, plumbing, HVAC, electrical, and painting shops, as well as any centralized warehouses for general and vehicle storage. LCC's operations are housed in both the Trustees and Facilities Operations Building, see Figure Y. Additionally, facilities such as tool storage rooms, materials storage rooms, and areas related to shops like lockers, showers, and similar nonpublic areas are included. Any hazardous material storage areas are also classified in this space category.

Figure Y.
Storage space in the Facilities Operation Building.

Guidelines suggest that a percentage of all square footage on campus be used to determine the space need in this category, with 5% of total space a typical minimum. This was used for LCC.

Other Department Space

The space classified as Other Department Space includes all other space assigned to an academic or administrative department or unit that has not been included in the other space classifications of classrooms, teaching laboratories, open laboratories, or office. These areas consist of a variety of spaces including:

- Central computer and server rooms
- Lounges
- Greenhouses
- Meeting rooms
- Demonstration rooms

- Departmental storage

A guideline of 4 ASF/student was applied for LCC based on experience with similar community colleges.

Informal Learning Space

A room or area used by individuals or groups to study or interact with other students or faculty at their convenience, the space not being restricted to a particular subject or discipline or by specialized equipment, is informal learning space. LCC's facilities inventory revealed very little space available on campus for this type of use. One such space, The Hole in the Wall, utilizes a former traditional classroom-sized space, see Figure Z.

Figure Z.
The Hole in the Wall, Room 149, a student lounge space in the Bowman Building.

Social and study space or collaborative learning areas are best located near classrooms, laboratories and faculty offices, where students can gather before class or a faculty member can easily continue a discussion with students after a class in an active setting. Collaborative learning areas are usually open to a corridor and usually have a white board with movable furniture where the flow of ideas and discussion can easily be communicated.

This guideline is relatively new as these types of spaces are continuing to evolve in community colleges. Institutional benchmarks and recent programming studies suggest that a guideline be generated by using a percentage of the total teaching space on campus, typically 15%, which was used for LCC.

Student Center

Student Center space typically includes facilities built and maintained by student (auxiliary) funds. Spaces may include meeting rooms, food service and dining facilities, bookstores and other merchandising facilities, open galleries, film viewing rooms, television and other lounge areas, and game rooms.

Space guidelines for this category are based on both the total on-campus student population and the number of students in residential housing. The campus setting may also dictate space requirements as rural campuses may provide students with fewer dining and recreation options off campus.

The Association of College Unions International (ACUI) recommends 10 ASF per student headcount towards generation of student union space. Benchmarking studies have found that community colleges without housing generally provide between 4 ASF and 6 ASF per student. LCC has an on campus residential component that is expected to increase. A guideline of 10 ASF per student was used.

Residence Life

Residence Life space includes the sleeping, study, and social space provided within the residence halls. LCC has two facilities, the Todd-Burch Residence Hall, see Figure AA., and the Prowers House. Dining space is not included. Trends in student housing have been to focus on building academic communities with a corresponding increase in social and collaboration space within the residential environment. A typical range of space in current residence hall construction is 175 to 295 ASF per bed, depending upon campus culture and the availability of appropriate space elsewhere on campus. With the intent of Lamar Community College to increase the community building collaboration space throughout the College, a guideline of 180 ASF per residential student was used.

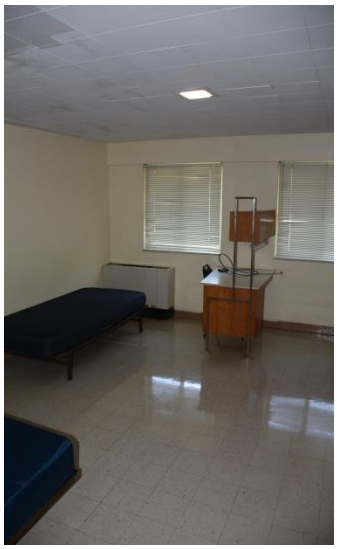


Figure AA.
Typical double bed dormitory room, Todd Burch Residence Hall.

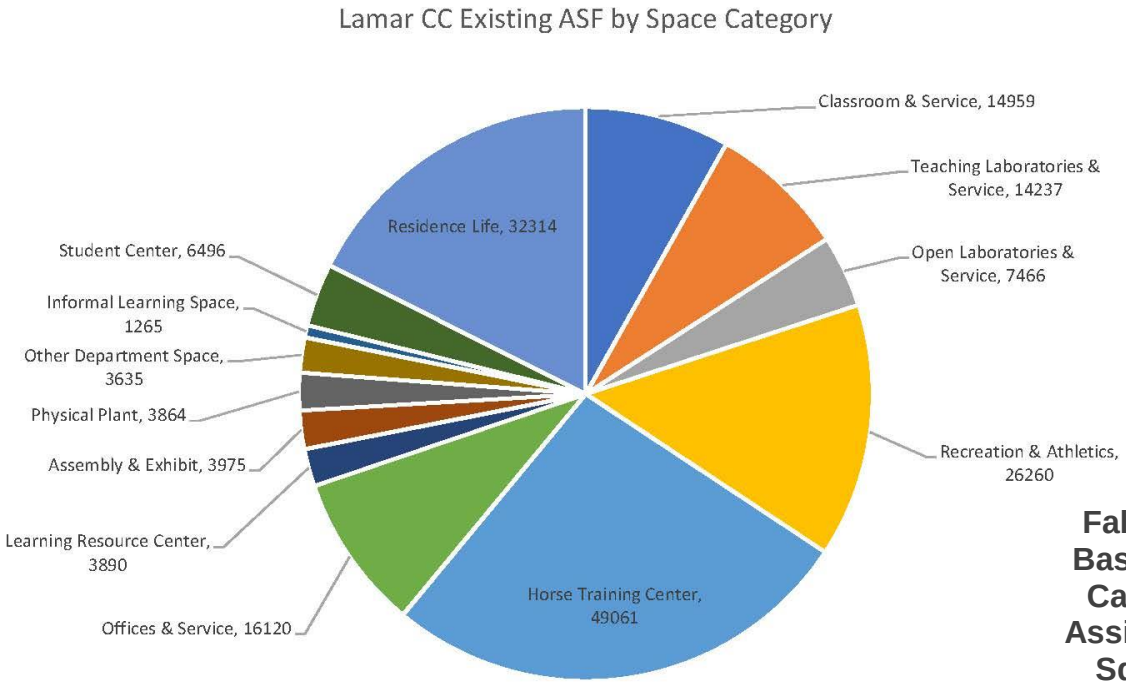
Space Needs Analysis by Functional Space
This section summarizes the space needs analysis by functional space category. The space needs analysis was performed by classifying existing space categories on the Lamar Community College campus into three areas:

Academic Space
- Classroom & Service
- Teaching Laboratories & Service
- Open Laboratories & Service
- Recreation & Athletics
- Horse Training Center

Academic Support Space
- Offices & Service
- Learning Resource Center
- Assembly & Exhibit
- Physical Plant
- Other Department Space
- Informal Learning Space

Other or Auxiliary Space
- Student Center
- Residence Life

The quantities of existing space and the percentage of the total campus each represents is highlighted in the following graphic.



Fall 2017 Base Year Campus Assignable Square Footage

183,542

Existing Campus Total

Target year space needs were generated in relation to existing space using Fall semester 2017 as the baseline. The space guidelines and standards were applied to the key space determinants using the target student enrollment, and

future faculty and staffing assumptions to develop an order of magnitude space needs analysis.

Space Needs Analysis Outcomes

The following table indicates the space needs analysis outcomes for the base year and two target years.

	Base Year *Student Headcount = 620* *Staff Headcount = 120*				Target Year 1 *Student Headcount = 682* *Staff Headcount = 123*				Target Year 2 *Student Headcount = 750* *Staff Headcount = 129*			
Space Category	**Existing ASF**	**Guideline ASF**	**Surplus/ (Deficit)**	**Percent Surplus/ (Deficit)**	**Projected Existing ASF**	**Guideline ASF**	**Surplus/ (Deficit)**	**Percent Surplus/ (Deficit)**	**Projected Existing ASF**	**Guideline ASF**	**Surplus/ (Deficit)**	**Percent Surplus/ (Deficit)**
Academic Space												
Classroom & Service	14,959	6,661	8,298	55%	14,959	7,142	7,817	52%	14,959	7,841	7,118	48%
Teaching Laboratories & Service	14,237	15,952	(1,715)	(12%)	20,804	16,806	3,998	19%	20,804	18,596	2,208	11%
Open Laboratories & Service	7,466	7,860	(394)	(5%)	8,399	9,046	(647)	(8%)	8,399	9,250	(851)	(10%)
Recreation & Athletics	26,260	27,900	(1,640)	(6%)	26,260	30,690	(4,430)	(17%)	26,260	33,750	(7,490)	(29%)
Horse Training Center	49,061	49,061	0	0%	49,061	74,061	(25,000)	(51%)	49,061	74,061	(25,000)	(51%)
Academic Space Subtotal	*111,983*	*107,434*	*4,549*	*4%*	*119,483*	*137,745*	*(18,262)*	*(15%)*	*119,483*	*143,499*	*(24,016)*	*(20%)*
Academic Support Space												
Offices & Service	16,120	14,200	1,920	12%	16,534	14,380	2,154	13%	16,534	15,150	1,384	8%
Learning Resource Center	3,890	4,650	(760)	(20%)	3,890	5,298	(1,408)	(36%)	3,890	5,672	(1,782)	(46%)
Assembly & Exhibit	3,975	5,600	(1,625)	(41%)	3,975	5,600	(1,625)	(41%)	3,975	5,600	(1,625)	(41%)
Physical Plant	3,864	7,533	(3,669)	(95%)	3,864	8,748	(4,884)	(126%)	3,864	9,141	(5,277)	(137%)
Other Department Space	3,635	2,480	1,155	32%	3,635	2,728	907	25%	3,635	3,000	635	17%
Informal Learning Space	1,265	2,261	(996)	(79%)	1,265	2,395	(1,130)	(89%)	1,265	2,395	(1,130)	(89%)
Academic Support Space Subtotal	*32,749*	*36,724*	*(3,975)*	*(12%)*	*33,163*	*39,149*	*(5,986)*	*(18%)*	*33,163*	*40,957*	*(7,794)*	*(24%)*
Other												
Student Center	6,496	6,200	296	5%	6,496	6,820	(324)	(5%)	6,496	7,500	(1,004)	(15%)
Residence Life	32,314	41,220	(8,906)	(28%)	32,314	41,220	(8,906)	(28%)	32,314	41,220	(8,906)	(28%)
Other Subtotal	*38,810*	*47,420*	*(8,610)*	*(22%)*	*38,810*	*48,040*	*(9,230)*	*(24%)*	*38,810*	*48,720*	*(9,910)*	*(26%)*
CAMPUS TOTAL	**183,542**	**191,578**	**(8,036)**	**(4%)**	**191,456**	**224,934**	**(33,478)**	**(17%)**	**191,456**	**233,176**	**(41,720)**	**(22%)**
Inactive/Conversion Space	*1,867*				*1,867*				*1,867*			
Outside Organizations	*1,420*				*1,420*				*1,420*			

The space needs analysis reviews Fall 2017 (Base Year) and two target years for each space category. Four columns illustrate the findings for each time period.

The Existing ASF includes all current facilities on campus. The LCC campus contained 14,959 ASF of Classrooms & Service space in Fall 2017.

Reviewing the second column, the Guideline ASF is a calculation of how much space is ideally needed in each space category at the Base Year and each Target Year, given enrollment, program, and staffing assumptions. The guideline calculation generated a need for 6,661 ASF of Classroom & Service space for Fall 2017, using selected guidelines.

The Surplus/(Deficit) column is the difference between the Existing ASF and Guideline ASF totals, and the Percent Surplus/(Deficit) column is the magnitude of the difference expressed as a percent. For each column, deficits are in parentheses and indicate a space need in that category. The campus had an 8,298 ASF or 55% surplus of Classroom & Service space at the Base Year. The space needs analysis is quantitative only and does not take into account the quality of space to serve the campus mission.

The needs at each planning scenario are interpreted as follows:

Interpretation of Space Needs Analysis Outcomes
Base Year 2017

Space Category	Base Year *Student Headcount = 620* *Staff Headcount = 120* Existing ASF	Guideline ASF	Surplus/ (Deficit)	Percent Surplus/ (Deficit)
Academic Space				
Classroom & Service	14,959	6,661	8,298	55%
Teaching Laboratories & Service	14,237	15,952	(1,715)	(12%)
Open Laboratories & Service	7,466	7,860	(394)	(5%)
Recreation & Athletics	26,260	27,900	(1,640)	(6%)
Horse Training Center	49,061	49,061	0	0%
Academic Space Subtotal	*111,983*	*107,434*	*4,549*	*4%*
Academic Support Space				
Offices & Service	16,120	14,200	1,920	12%
Learning Resource Center	3,890	4,650	(760)	(20%)
Assembly & Exhibit	3,975	5,600	(1,625)	(41%)
Physical Plant	3,864	7,533	(3,669)	(95%)
Other Department Space	3,635	2,480	1,155	32%
Informal Learning Space	1,265	2,261	(996)	(79%)
Academic Support Space Subtotal	*32,749*	*36,724*	*(3,975)*	*(12%)*
Other				
Student Center	6,496	6,200	296	5%
Residence Life	32,314	41,220	(8,906)	(28%)
Other Subtotal	*38,810*	*47,420*	*(8,610)*	*(22%)*
CAMPUS TOTAL	**183,542**	**191,578**	**(8,036)**	**(4%)**
Inactive/Conversion Space	*1,867*			
Outside Organizations	*1,420*			

Overall, there is a deficit of 8,036 ASF in the Base Year, Fall 2017, primarily in Residence Life and Physical Plant space.

Academic Space
The total academic space on campus is balanced in the Base Year. However, there is a significant surplus in classroom space and a deficit in laboratory and recreation/athletics space. The teaching laboratory deficit is primarily in

Construction Trades, and the athletics deficit is primarily the need for a larger training room and additional team support space.

Academic Support Space

There is a surplus in office space. However, some departments are experiencing a shortage due to the location of existing space. For example, there are too few offices in the Wellness Center to accommodate the athletics coaches, yet there are unused offices in both Bowman and Trustees.

The library is in need of a dedicated classroom for library instruction and study hall and enclosed group study rooms.

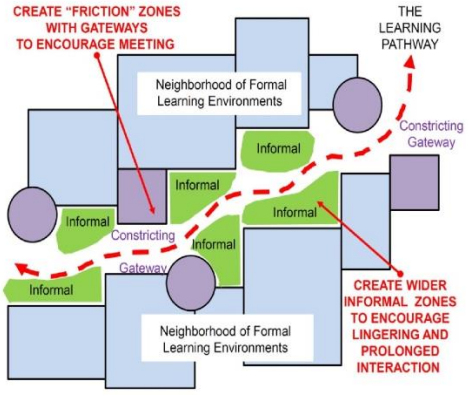
Physical Plant space is in relatively severe deficit, particularly for storage needs. This need has been temporarily satisfied by the use of unoccupied offices and classrooms for storage that should be centralized.

The campus also is in need of exhibition space and informal learning space. The majority of the existing informal learning space is in the Innovate & Make Space room. Distributed space is highly desired, particularly since the College wants to integrate the project based learning approach of a makerspace across the curriculum. There is currently no formal exhibition space on campus.

Other

Community building space that is typical at a robust residential campus does not exist in the LCC residence halls. As a small campus, this type of space could be distributed throughout campus to assist in building a larger community.

Images of informal learning space. Source: Paulien &Associates.



Zones to encourage meeting, lingering, prolonged interaction. Source: Paulien &Associates.

Interpretation of Space Needs Analysis Outcomes – Target Year 1
(approximately 2023)

Space Category	Base Year (Student Headcount = 620, Staff Headcount = 120) Existing ASF	Guideline ASF	Surplus/ (Deficit)	Percent Surplus/ (Deficit)	Target Year 1 (Student Headcount = 682, Staff Headcount = 123) Existing ASF	Guideline ASF	Surplus/ (Deficit)	Percent Surplus/ (Deficit)
Academic Space								
Classroom & Service	14,959	6,661	8,298	55%	14,959	7,142	7,817	52%
Teaching Laboratories & Service	14,237	15,952	(1,715)	(12%)	20,804	16,806	3,998	19%
Open Laboratories & Service	7,466	7,860	(394)	(5%)	8,399	9,046	(647)	(8%)
Recreation & Athletics	26,260	27,900	(1,640)	(6%)	26,260	30,690	(4,430)	(17%)
Horse Training Center	49,061	49,061	0	0%	49,061	74,061	(25,000)	(51%)
Academic Space Subtotal	*111,983*	*107,434*	*4,549*	*4%*	*119,483*	*137,745*	*(18,262)*	*(15%)*
Academic Support Space								
Offices & Service	16,120	14,200	1,920	12%	16,534	14,380	2,154	13%
Learning Resource Center	3,890	4,650	(760)	(20%)	3,890	5,298	(1,408)	(36%)
Assembly & Exhibit	3,975	5,600	(1,625)	(41%)	3,975	5,600	(1,625)	(41%)
Physical Plant	3,864	7,533	(3,669)	(95%)	3,864	8,748	(4,884)	(126%)
Other Department Space	3,635	2,480	1,155	32%	3,635	2,728	907	25%
Informal Learning Space	1,265	2,261	(996)	(79%)	1,265	2,395	(1,130)	(89%)
Academic Support Space Subtotal	*32,749*	*36,724*	*(3,975)*	*(12%)*	*33,163*	*39,149*	*(5,986)*	*(18%)*
Other								
Student Center	6,496	6,200	296	5%	6,496	6,820	(324)	(5%)
Residence Life	32,314	41,220	(8,906)	(28%)	32,314	41,220	(8,906)	(28%)
Other Subtotal	*38,810*	*47,420*	*(8,610)*	*(22%)*	*38,810*	*48,040*	*(9,230)*	*(24%)*
CAMPUS TOTAL	**183,542**	**191,578**	**(8,036)**	**(4%)**	**191,456**	**224,934**	**(33,478)**	**(17%)**
Inactive/Conversion Space	*1,867*				*1,867*			
Outside Organizations	*1,420*				*1,420*			

Overall at Target Year 1, the Base Year 8,036 deficit grows to 33,478 ASF, caused partially by a projected 10% increase in student enrollment (a modest 2% per annum), and a need for a second horse training arena. There is a surplus of classroom, teaching laboratory, office and other department space. All other space categories are in deficit.

The Target Year 1 analysis includes the Career and Technical Education (Vocational Trades) Building as existing space. This building, currently in the planning phase, is anticipated to be completed during this planning scenario.

Academic Space
The completion of the Career and Technical Education Building eliminates the deficit in teaching laboratory space with approximately 7,500 ASF of high bay space. An increase in student enrollment will exacerbate the need for a second horse training arena and additional athletics facilities.

Academic Support Space
The office space surplus is reduced with an increase in faculty and staff. All other space categories are in increasing deficit, particularly for Physical Plant.

Other
The Student Center space deficit increases with an increase in enrollment. Since residence life space is determined by the number of students living on campus, an increase in enrollment without a defined increase in the residential student population does not increase the deficit in this category.

Interpretation of Space Needs Analysis Outcomes – Target Year 2
(approximately 2028)

	Base Year *Student Headcount = 620 Staff Headcount = 120*				Target Year 2 *Student Headcount = 750 Staff Headcount = 129*			
Space Category	**Existing ASF**	**Guideline ASF**	**Surplus/ (Deficit)**	**Percent Surplus/ (Deficit)**	**Existing ASF**	**Guideline ASF**	**Surplus/ (Deficit)**	**Percent Surplus/ (Deficit)**
Academic Space								
Classroom & Service	14,959	6,661	8,298	55%	14,959	7,841	7,118	48%
Teaching Laboratories & Service	14,237	15,952	(1,715)	(12%)	20,804	18,596	2,208	11%
Open Laboratories & Service	7,466	7,860	(394)	(5%)	8,399	9,250	(851)	(10%)
Recreation & Athletics	26,260	27,900	(1,640)	(6%)	26,260	33,750	(7,490)	(29%)
Horse Training Center	49,061	49,061	0	0%	49,061	74,061	(25,000)	(51%)
Academic Space Subtotal	*111,983*	*107,434*	*4,549*	*4%*	*119,483*	*143,499*	*(24,016)*	*(20%)*
Academic Support Space								
Offices & Service	16,120	14,200	1,920	12%	16,534	15,150	1,384	8%
Learning Resource Center	3,890	4,650	(760)	(20%)	3,890	5,672	(1,782)	(46%)
Assembly & Exhibit	3,975	5,600	(1,625)	(41%)	3,975	5,600	(1,625)	(41%)
Physical Plant	3,864	7,533	(3,669)	(95%)	3,864	9,141	(5,277)	(137%)
Other Department Space	3,635	2,480	1,155	32%	3,635	3,000	635	17%
Informal Learning Space	1,265	2,261	(996)	(79%)	1,265	2,395	(1,130)	(89%)
Academic Support Space Subtotal	*32,749*	*36,724*	*(3,975)*	*(12%)*	*33,163*	*40,957*	*(7,794)*	*(24%)*
Other								
Student Center	6,496	6,200	296	5%	6,496	7,500	(1,004)	(15%)
Residence Life	32,314	41,220	(8,906)	(28%)	32,314	41,220	(8,906)	(28%)
Other Subtotal	*38,810*	*47,420*	*(8,610)*	*(22%)*	*38,810*	*48,720*	*(9,910)*	*(26%)*
CAMPUS TOTAL	**183,542**	**191,578**	**(8,036)**	**(4%)**	**191,456**	**233,176**	**(41,720)**	**(22%)**
Inactive/Conversion Space	*1,867*				*1,867*			
Outside Organizations	*1,420*				*1,420*			

Overall in Target Year 2, there is a 41,720 ASF deficit, equivalent to 22% of the current space on campus. This deficit represents an 8,242 deficit increase over Target Year 1, caused by an overall 10% increase in student enrollment from Target Year 1, or 20.9% increase over the base year. This demonstrates that there is a definite correlation between the population increase and the spatial deficit in the latter Target Year 1. It is informative to know in which categories

there will be the greatest need. It is interesting to note that there is still a surplus in classroom space if none of the current existing classrooms have been converted to other uses. Surpluses for teaching laboratory, office and other department space from the Target Year 1 analysis remain as surplus for Target Year 2 but have decreased, while the other categories are in deficit.

III.F. FACILITY CONDITIONS INDEX

Lamar Community College is in the process of performing facility audits for a majority of the main buildings on the campus. Building systems and their components are evaluated, deficiencies identified, and replacement costs estimated utilizing planning costs publications from RS Means, Inc., during the audit process, which provides Lamar Community College's Facilities personnel an objective overall view of the current condition of their buildings and systems. The audits help define a maintenance and planning strategy for the subject facilities. Secondly, the audits provide Colorado State Buildings Programs (SBP) a Facility Conditions Index (FCI) number to be utilized in their analysis of buildings statewide.

A Facility Condition Index is a numerical rating of the overall condition of a building and its component on a 0 – 100 scale. Zero (0) would be considered a building that has just been demolished and One Hundred (100) would have just been newly constructed. For the ratings in between, Sate Buildings has provided the following interpretations:

99 – 95	Routine or Minor Maintenance needed
94 – 75	Major Maintenance is needed
74 – 55	Remodel is needed
54 – 35	Extensive Renovation is needed
34 – 1	Demolish, cannot be satisfactorily renovated

In Year 2018, Lamar Community College retained the architectural consultants, Hall Architects, to conduct facility audits for a select quantity of buildings on campus. Although these audits are still in process, the consultant believes the audit findings will develop FCI ratings approximately as follows:

81	Betz Technology Center
65	Trustees Building
67	Bowman (Administration and Academic Wings combined)
62 – 67	Todd-Burch Residence Building (incl. Kelley Union Cafeteria)
83 – 86	Wellness Center

The following buildings were not specifically audited in 2018, however based on Hall Architects visual analysis and overall knowledge of these facilities, it is believed that the FCI ratings would fall within the following ranges:

79 – 84	Horse Training Management
69 – 73	Welding
78 – 83	Facilities Operations

Within the reporting for this Facilities Master Plan, there were no new or previous audit findings for the minor stall and storage buildings within the Equine Complex nor the new Prowers House (dormitory) due to its recent construction.

Summary of Building Descriptions and Conditions (N*ote: The approximate building sizes reported below may not correspond to the sizes reported in the remainder of this facilities master plan, as they were derived from existing plan calculations associated with the facility audits*):

Betz Technology Center

This single-story, split-level building was originally constructed in 1969, but was fully gutted and renovated with a new central circulation lobby addition completed in year 2000. It currently has about 33,000 GSF and contains classrooms and faculty offices for nursing and allied health, business, computer information systems, construction trades, and renewable energy technologies. It also houses the student services and retention department, offices for student government, the entrepreneurial "innovate and make space", the campus IT department and is the former location of the campus bookstore. The facilities audit determined that the main deficiency concerns with this building is its aging inventory of rooftop mechanical units, its aging roofing, its deteriorating load-bearing exterior brick walls, the pending need to replace the water heater and a need to upgrade lighting and controls for energy efficiency.

YR 2018 FCI
81

Trustees Building

This two-story building with a limited basement was originally constructed in 1968, and has not experienced any significant functional changes over the years. It did undergo a limited energy performance upgrade project in 2011 and an limited elevator modernization project in 2014. It currently has about 26,600 GSF and contains science laboratories and classrooms, the cosmetology facilities, and the campus purchasing and HR department. It also houses a community meeting room, two general classrooms and a few faculty offices. The facilities audit determined that the main deficiency concerns with this building is its antiquated science laboratory equipment, cabinetry, plumbing fixtures and classrooms, its aged and poorly performing HVAC system, its aging roofing, its lack of accessibility, its lack of a sprinkler system and aged architectural finishes including doors, restrooms and ceilings.

YR 2018 FCI
65

Bowman

This two-story building with a limited basement was originally constructed in 1971, It is divided into two distinct portions, the western section is devoted to campus administration functions, while the eastern portion is providing for campus academic needs. It has not experienced any significant functional layout changes over the years. It currently has about 37,100 GSF and contains two large lecture classrooms / auditoriums, the campus LRC, numerous general classrooms, faculty offices, tutoring center, the Career and Success Center, and a Student Lounge space. The basement on the eastern portion houses the facilities management offices and storage, as well as the central boiler and chiller systems that serve both Bowman and Trustees. The western wing contains the executive administrative offices as well as other campus administrative offices and offices for Prowers Economic Prosperity. The facilities audit determined that the main deficiency concerns with this building is its exterior curtainwall system at the administration wing, its aged electrical service and non-functioning emergency generator, its aging roofing, its aged and poorly performing HVAC system components, the need to abate significant flooring areas, its lack of accessibility, its lack of a sprinkler system, its aged architectural finishes including doors, restrooms and ceilings, and a need to upgrade lighting and controls for energy efficiency.

YR 2018 FCI
67

Todd-Burch Residence Building

This three-story building with a limited basement was originally constructed in 1965. It is divided into three distinct portions, the western residential wing is two stories with 36 sleeping rooms, the eastern residential wing is three stories with 64 sleeping rooms, and the central area contains the dining hall, the residential common area, and has a basement with mechanical rooms and a student weight room. It has not experienced any significant functional layout changes over the years. It has had some mechanical improvement with its heated and chilled water generation systems and was provided with a fire alarm system, but very few other significant improvements have been accomplished. It currently has about 59,000 GSF. The facilities audit determined that it is known to have a significant floor abatement need, has failing roofing, has old windows which are not energy efficient, has failing plumbing systems, has no sprinkler system, has original ventilation equipment in residential and common areas, and has significantly aged architectural finishes including restrooms, common areas, floors, ceilings, lighting and built-in casework.

YR 2018 FCI
62-67

Wellness Center

This two-story building was originally constructed in 2001, and has not experienced any significant functional changes over the years. It currently has about 38,600 GSF and contains the gymnasium and associated locker rooms, the athletic department offices, weight training and aerobics workout rooms, and an indoor running track. It also houses a community clinic. The facilities audit determined that the main deficiency concerns with this building is its aging inventory of rooftop mechanical units, its aging and deteriorating roofing, an upcoming need to replace the water heater and a need to upgrade lighting and controls for energy efficiency.

YR 2018 FCI
83-86

Horse Training Management

This one-story dedicated use pre-engineered metal building was originally constructed in 1975. In 2009, it underwent a significant renovation project that added academic classrooms, office and ancillary facilities, as well as increasing the overall length of the indoor arena and a significant increase to the horse stall capacity. It is currently approximately 41,700 GSF. The building is used by the horse training and management department. The academic wing utilizes a ground-source heat-pump system for its HVAC, and is dependent upon an existing septic system. A facility audit was not conducted on this building but it has been plagued with failing roofing and roof coating systems over the original arena area. In addition, there is a concern over the capacity and functionality of the existing septic system. The facility has no other known mechanical or electrical concerns, but is experiencing normal wear and tear associated with this type of facility.

YR 2018 FCI
79-84

Welding

This one-story dedicated use pre-engineered metal building was originally constructed in 1969. It is approximately 4,800 GSF and has recently experienced two limited remodels of its primary welding room and associated ventilation equipment as well as an upgraded electrical service. The building is used by the welding department as a work shop and classroom building. Given its limited interior improvements and limited mechanical HVAC and electrical systems, there are no known significant deficiencies associated with this building at this time, other than normal wear and tear, which is believed to be somewhat substantial.

YR 2018 FCI
69-73

Facilities Operations Building

This one-story dedicated use, 1,800 GSF pre-engineered metal building was originally constructed in 1997, and has not experienced any significant functional changes since it was built. It is used by the facilities department as a work shop and landscape equipment storage building. Given its limited interior improvements and limited mechanical HVAC and electrical systems, there are no known significant deficiencies associated with this building at this time, other than normal wear and tear. However, its restroom is in need of some repair.

YR 2018 FCI

78-83

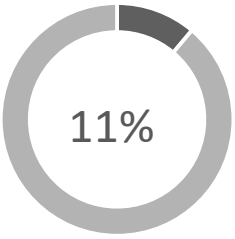
Prowers House

This one-story dedicated 16 sleeping room, 5,100 GSF dormitory building was originally constructed in 2016, and has not experienced any significant functional changes since it was built. Given its young age, there are no known deficiencies at this time.

LCC Students. Source: Lamar Community College.

III.G. CONDITIONS AND PERCEPTIONS OF SPACE – SURVEYS

In the early stage of the planning process, through a joint effort between Lamar Community College and Hall Architects, surveys were issued as paper copies and electronic copies to the LCC community, inviting participation among students – both resident and commuter, faculty and staff; online students were excluded. The surveys were to gauge LCC building occupants and their impressions of campus space, particularly study space, meeting space, teaching space, as well as space needs, use of technology in academic space, all issues related to the Facilities Master Plan and some issues brought up in prior interviews with leadership and staff. The surveys were conducted in late Spring and Early Summer 2018. A total of 98 LCC combined students, faculty and staff submitted responses. See complete survey findings in Appendix A.



98 participants - over 11% of the combined 881 campus headcount (students, excluding online, faculty and staff) contributed their opinions to the surveys.

Survey responses among students revealed concerns with the lack of appropriate informal student study space, hanging out space, and food options at the LCC Campus. Individual comments ranged from needing sound control to minimize distractions and needing upgraded space. Resident students raised concerns with dorm rooms' un-moveable furniture, see Figure BB., inadequate lighting, and lack of sound control. Regarding preferred study space, nearly half (49.4%) of resident students cited their dorm rooms as the top response, while the top commuter student response (60%) was "Other", specifically, (personal) home/house or the back classroom in the Cosmetology Classroom area.

Figure BB.
Typical dorm room with fixed furnishings, Todd Burch Residence Hall (top); Hole in the Wall in the Bowman Building is one of the few dedicated lounge areas on campus (bottom).

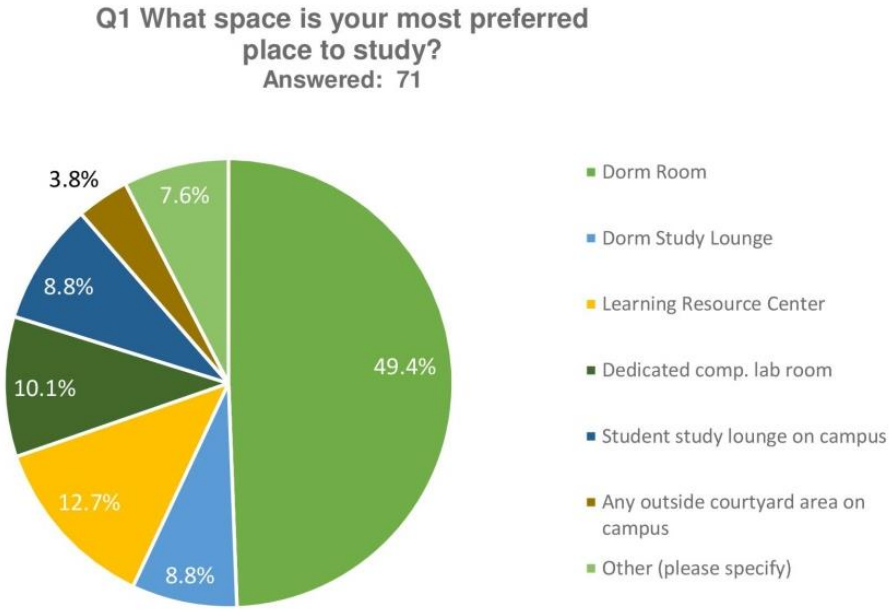
Faculty and Staff were likewise questioned about space needs. One question was raised about level of agreement on meeting space on the 4 issues of availability, adequately private, availability to all groups and suitability for activities. Faculty responses were mostly agreeable (over 60%) for the first three issues, while there was a 50% split on the issue of suitability for activities. There was strong disagreement (16.67%) identified for the issue of availability to all groups. Staff responses were mostly agreeable (over 60%) for the issues of adequately private and availability to all groups, 50% split on availability, but mostly disagreeable with the issue of suitability for activities (75%).

All surveys inquired about desired space if additional space was made available at the LCC Campus. Resident Students expressed preference for Lounge area (30%), see Figure BB., followed by Dining options (21%) and Quiet individual study area (18.1%). Commuter Students cited Lounge area (27.2%) as their most preferred, followed by Place for large public assembly events (18.2%) and Dining options (18.2%). Faculty identified four types of spaces as their top choice: Large assembly space (18.2%), More storage (18.2%), Employee break room (18.2%) and Lounge or recreation spaces (18.2%). Staff identified large assembly space (30%) as their top response, followed by additional office space (20%), Lounge or recreation space (15%) and Employee break room (15%).

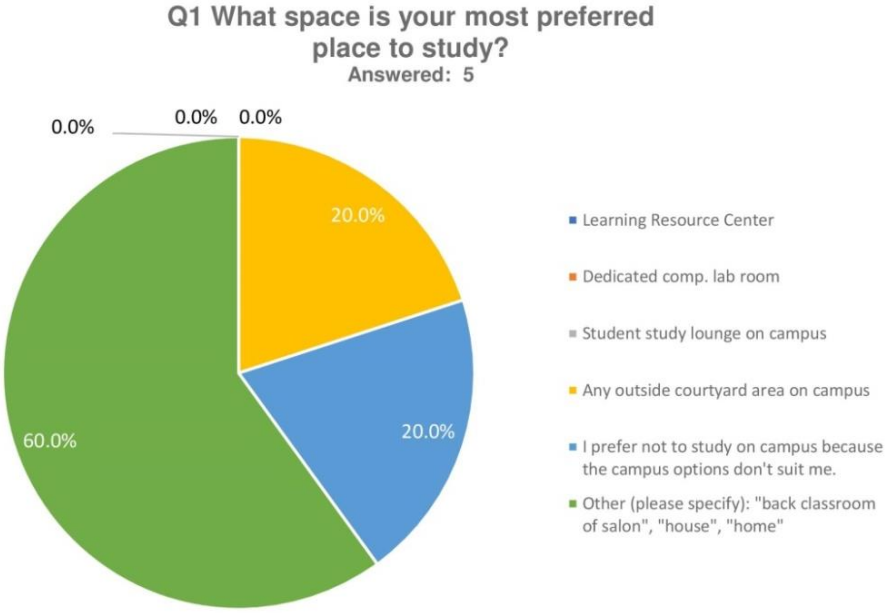
i. Student Surveys

Responses to 11 questions were received by a total of 71 resident (dormitory residents) students, representing 29% of the resident student category. An additional 5 surveys were received from commuter students. In total 76 students participated in the survey process, nearly 9.4% of the student headcount, excluding online. Question 1 results for both resident and commuter surveys are shown below:

LCC Resident Students



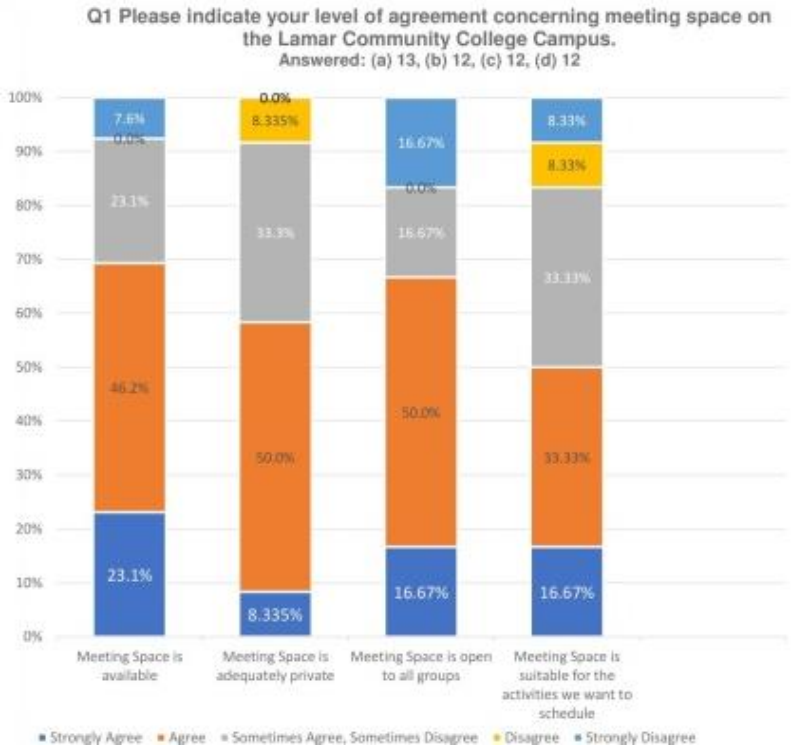
LCC Commuter students



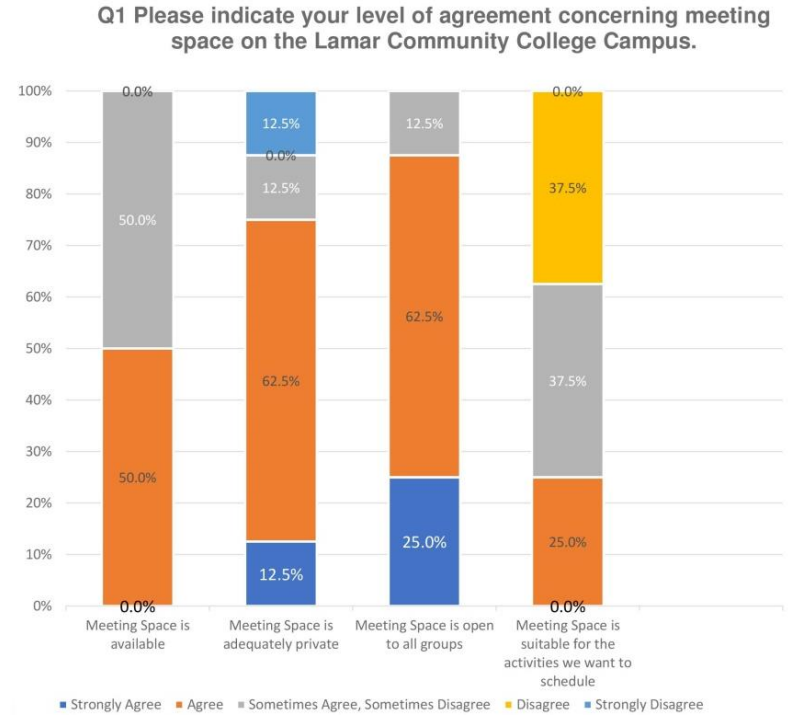
ii. Faculty and Staff Surveys

Responses to 9 questions were received by a total of 14 faculty, representing 29% of that category, and responses to 9 questions were received by 8 staff, representing 11% of that category. Question 1 results are shown below:

LCC Faculty



LCC Staff



III.H. TOPOGRAPHY

The topography of the LCC Campus can be described as mostly flat with its high point registering at the south end at College Road, which consists of mostly sand hills and gradually dropping towards the north at a 2% overall slope. Along the Campus' east boundary, at the site of the Lamar Community College Woods and Willow Creek is a floodplain zone. Along the east access road, the LCC site has a more pronounced sloped area, particularly north of the residence halls, east of the Trustees and Bowman buildings. It is interesting to note that the lowest point in Prowers County (and in Colorado) occurs at the point where the Arkansas River leaves the county at an elevation of only 3,350 feet. See Figure FF. for a combined topography/floodplain map.

III.I. SUBSURFACE SOILS CONDITIONS / FLOOD MAPS

i. Subsurface soils

The Lamar Community College Campus is sited on both the south edge of the city limits and a portion of Prowers County, east of Main Street / U.S. Highway 287, west of Willow Creek and north of College Road. The soils encountered from borings at the area of the Equine Complex have been described as slight silty to silty sand and sandy clay, with sand as the predominant material. Ground water was encountered at depths of 19 to 26 feet.*
* *Source: CTL Thompson, July 18, 2007.*

The 2004 Lamar Comprehensive Plan included this narrative of sandy soils inherent in the general Lamar area:

"South of the Arkansas River exists an expanse of sandy soils. These sands are deep in places and continue to shift with the wind. Although these soils produce only slight building constraints, the shifting and eroding nature of these sandy soils can cause problems.

"Intermittent portions of the county south of the Arkansas River are comprised of an area referred to as the sand hills. The sand hills are active sand dunes that have little or no vegetation. The sand can be deep; however, large portions of these areas are experiencing extensive erosion. Water in these areas is absorbed rapidly, and permeability is very rapid.

"The sand hills are extremely difficult to manage. The landforms are constantly changing due to shifting and blowing sand. Blowing sand can cause visual hazards, especially near populated areas south of Lamar. There have been attempts to control blowing sand by placing heavy objects on and around the dunes to control the erosion."

Source: Lamar Comprehensive Plan, 2004, HNTB Architects Engineers Planners**.**

View of area east of LCC campus property, consisting of sand that is part of sand hills.

ii. Flood Maps

The Colorado Water Conservation Board (CWCB) publishes the "Rules and Regulations for Regulatory Floodplains in Colorado" in association with the Colorado Department of Natural Resources. The Rules are to provide uniform standards for regulatory floodplains ("100-year floodplains", "one-hundred-year flood", "one percent annual chance flood", "one percent chance flood") in Colorado. In addition to state mapping coordination through hydrology studies and updating river flows, the CWCB works with both FEMA and local floodplain administrators in the identification of floodplains. The Flood Insurance Rate Map (FIRM) is the official map of a community on which FEMA has delineated both the special hazard areas and the risk premium zones applicable to the community. The City of Lamar Planning and Zoning Commission administers the City of Lamar Municipal Code, which provides for the local regulation of floodplain management.

In 2016, Lamar's City Council approved Ordinance No. 1201, to amend the city's Municipal Code, which provided for the adoption of the "Flood Insurance Study for Prowers County, Colorado and Incorporated Areas" (F.I.S. Number 08099CV000A) with accompanying FIRM maps dated April 19, 2016, published by FEMA. The study revised and superseded the FIS reports and and/or FIRMS in the City of Lamar and unincorporated Prowers County, employing updated vertical datum and elevation reference marks (ERMs). This study, originating from a 1979 initial coordination meeting, also documented the 2009 and 2010 hydrologic and hydraulic analyses for the Arkansas River and Willow Creek, a tributary of the Arkansas River.

A small section of Willow Creek runs through the LCC Campus along its east property line and continues northward through nearby Willow Creek Park. See Figure CC. According to FEMA Map numbers 08099C0328C and 09099C0336C dated April 19, 2016, the area around the Creek within the LCC Campus property is in a floodplain, specifically Special Flood Hazard Zone "AE". Additional areas are identified as Zone "X", areas of 0.2% annual chance flood. See Figures DD. and EE. Both the Colorado Water Conservation Board and the City of Lamar have reported there have been no FEMA-initiated nor Community-initiated revisions, nor Letter of Map Revisions issued for these maps to date.

Any future campus development should consult these FIRM maps, the Flood Insurance Study and its recommendations, and CWCB hydrology updates for the future siting of buildings, other structures and open space. The CWCB reported that a hydrology update is being drafted and will be reviewed by FEMA later this year.

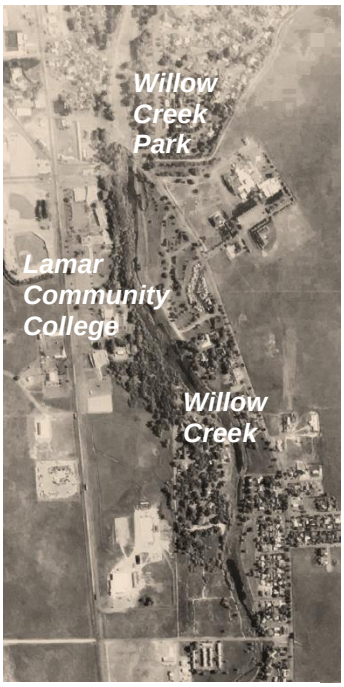


Figure CC.
Aerial image of the LCC Campus, Willow Creek and Willow Creek Park. Source: City of Lamar Land Surveying and Engineering Office.

Dark shaded areas and hatched areas adjacent to Willow Creek in the north campus area are identified as Zone "AE", subject to inundation by the 1% annual chance flood. Zone "X" areas are identified as areas of 0.2% annual chance flood.

Figure DD.
FEMA FIRM Map #08099CC0328C corresponding to the north portion of the LCC Campus property (Savage Avenue to County Road FF.5).

The majority of the south campus area is void of an identified flood hazard area.

Figure EE.
FEMA FIRM Map #08099CC0336C corresponding to the south portion of the LCC Campus property (County Road FF.5 to College Road/County Road FF).

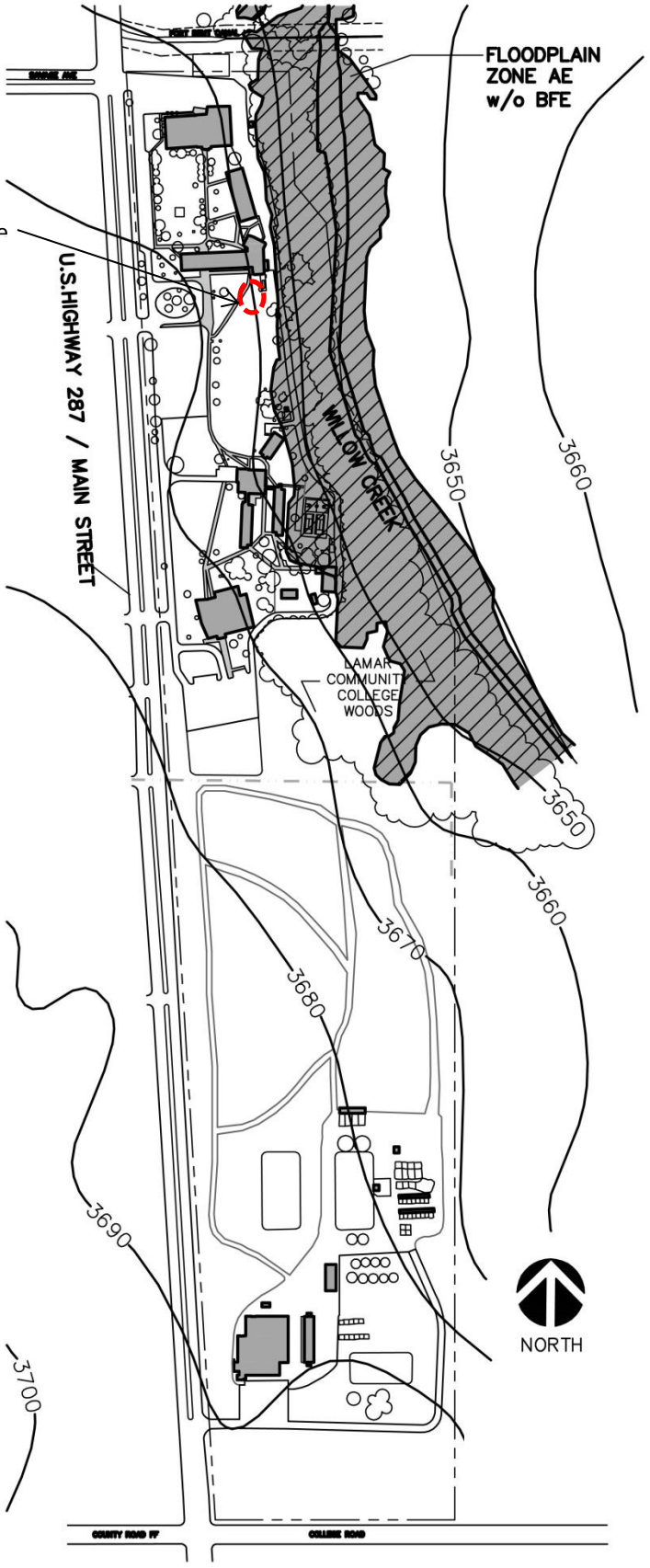


Figure FF. illustrates the flood hazard Zone "AE" (1% annual chance flood) which is the creek itself, and flood hazard Zone AE without Base Flood Elevations (shown hatched), in relation to the location of existing buildings and roads. The majority of the east access road and associated parking areas, the tennis and basketball courts and one ancillary structure, the Pump House lie within Zone "AE". Only one building, the Welding Building, has a small portion of its northeast corner in Zone "AE" without BFE.

Figure FF. also highlights the site topography, noting a general down slope north/eastward towards the creek. The area of steepest slope on campus extends along the west bank of the service road, from south of the Trustees Building to the Prowers House driveway, ranging from 7% to the nearly 20% up against the south fence of the ground chiller unit, at the southeast corner of the Bowman Building.

Figure FF.
Plan of current topography/floodplain delineated over the campus site, existing buildings and roads. No scale

III.J. SITE CIRCULATION SYSTEMS / SITE PARKING

The LCC Campus site is spread out over a rectangular 109 acre lot. Vehicular access to the site is from Highway 287 / Main Street. Section III.N.iv. describes the site access in detail.

Vehicular, Pedestrian, Bicycle Circulation

Onsite vehicular circulation is laid out as a paved loop road at the north campus area to access individual buildings, with separate circulation serving the south campus area and the Equine Complex buildings. In other words, the north campus area and the south campus area have no physical connecting road, and require that vehicles access the highway. See Figures GG. and HH. Site parking is provided as mostly asphaltic striped surface lots, with gravel lots for overflow parking.

Pedestrian circulation is provided as mostly concrete sidewalks and plaza areas throughout campus, as well as dirt paths by the Woods or around the various ancillary structures around the Equine Complex.

Dirt horse trails are located at the south campus area for the benefit of the HTM and EBM students and Rodeo athletes.

Bicycle paths are not provided on campus.

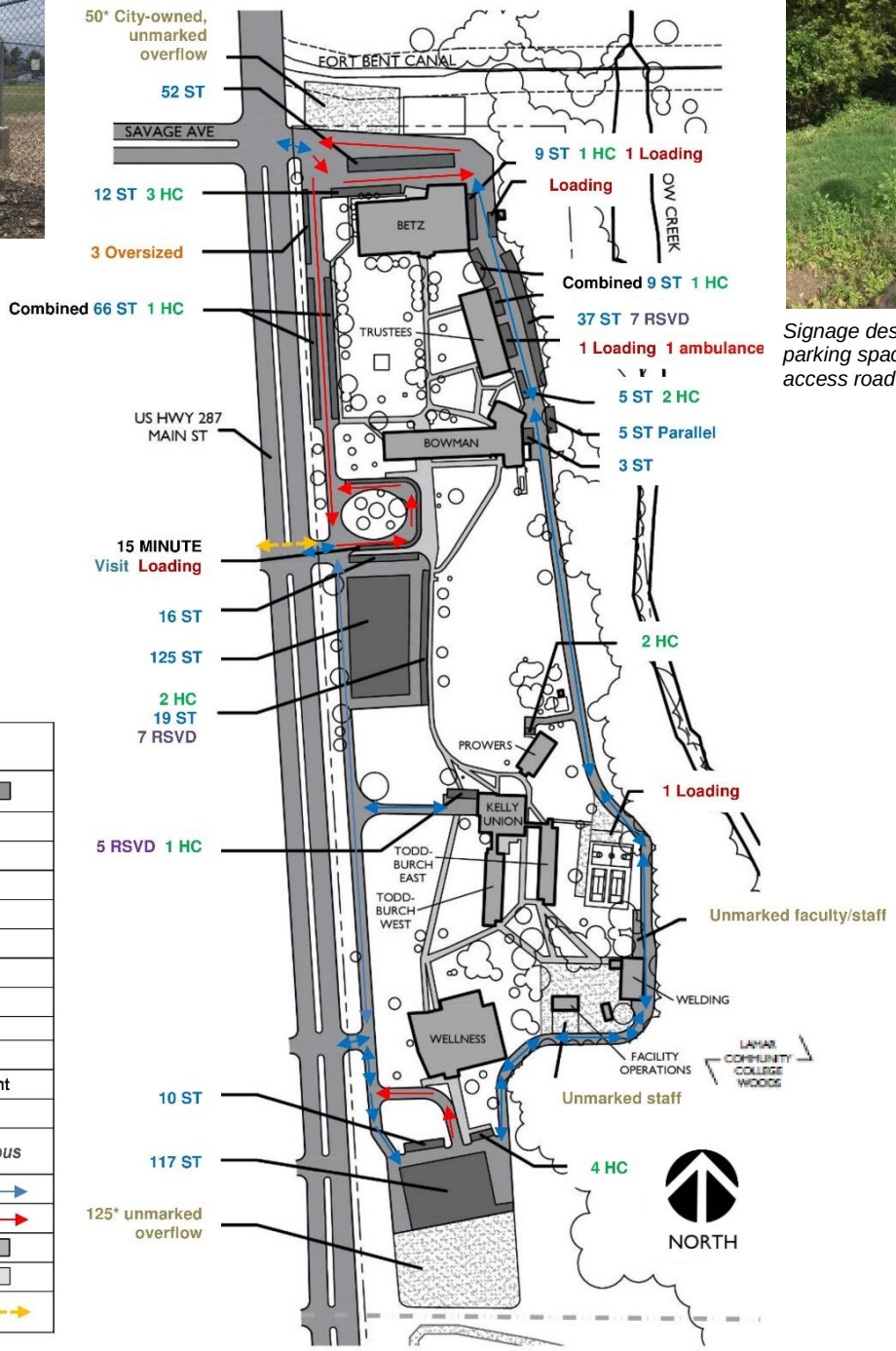
Circulation and Parking Concerns

Site circulation and parking concerns have been raised from both survey comments and interviews among students, faculty and staff. Safety was noted as a major concern in two situations: (1) having to use the highway to get from one part of campus to the other; and (2) traffic speed, particularly at the access road along Willow Creek with the absence of signage. With regard to parking, availability and distance of parking to buildings were cited as the major concerns. Resident students, in particular, noted concern for the distant location of assigned dorm parking from the dorm buildings, not only for move-in/move-out days, but also for carrying laundry or shopping items. Parking availability is another concern particularly for large campus-wide assembly events, such as sports, but also at peak school days. The size of parking spaces also creates concern for those that drive either compact vehicles or over-sized vehicles (e.g. dually trucks). Stalls are generally striped to accommodate a standard vehicle or larger, but if “right-sized” parking is not available, larger vehicles will take over several spaces or smaller vehicles will take an over-sized space.

View of the parking facing Bowman Administration Building.

View of city-owned overflow parking lot adjacent to substation and Fort Bent Canal, which has no vehicle or pedestrian barricade system.

Signage designating reserved parking spaces along the east access road.



PARKING LEGEND – North Campus		
	Parking lot, striped (not all aisles shown)	
	Standard ST	485
	Handicapped HC	17
	Reserved RSVD	19
	Loading Loading	3
	Oversized Oversized	3
	Special - Ambulance	1
	Overflow Overflow	175
	Total North Campus Parking	703
	Visitors Visit	No count
CIRCULATION LEGEND – North Campus		
	Vehicular traffic 2 way	
	Vehicular traffic 1 way	
	Vehicular road	
	Pedestrian sidewalk	
	Pedestrian crosswalk with Hawk Signal	

Figure GG. *Existing Parking and Circulation Plan at North Campus. No Scale.*

PARKING LEGEND – South Campus		
	Parking lot (not all aisles shown)	
	Standard **ST**	100
	Handicapped **HC**	2
	Total South Campus Parking	102
CIRCULATION LEGEND – South Campus		
	Vehicular traffic 2 way	
	Vehicular road	
	Horse Trails	

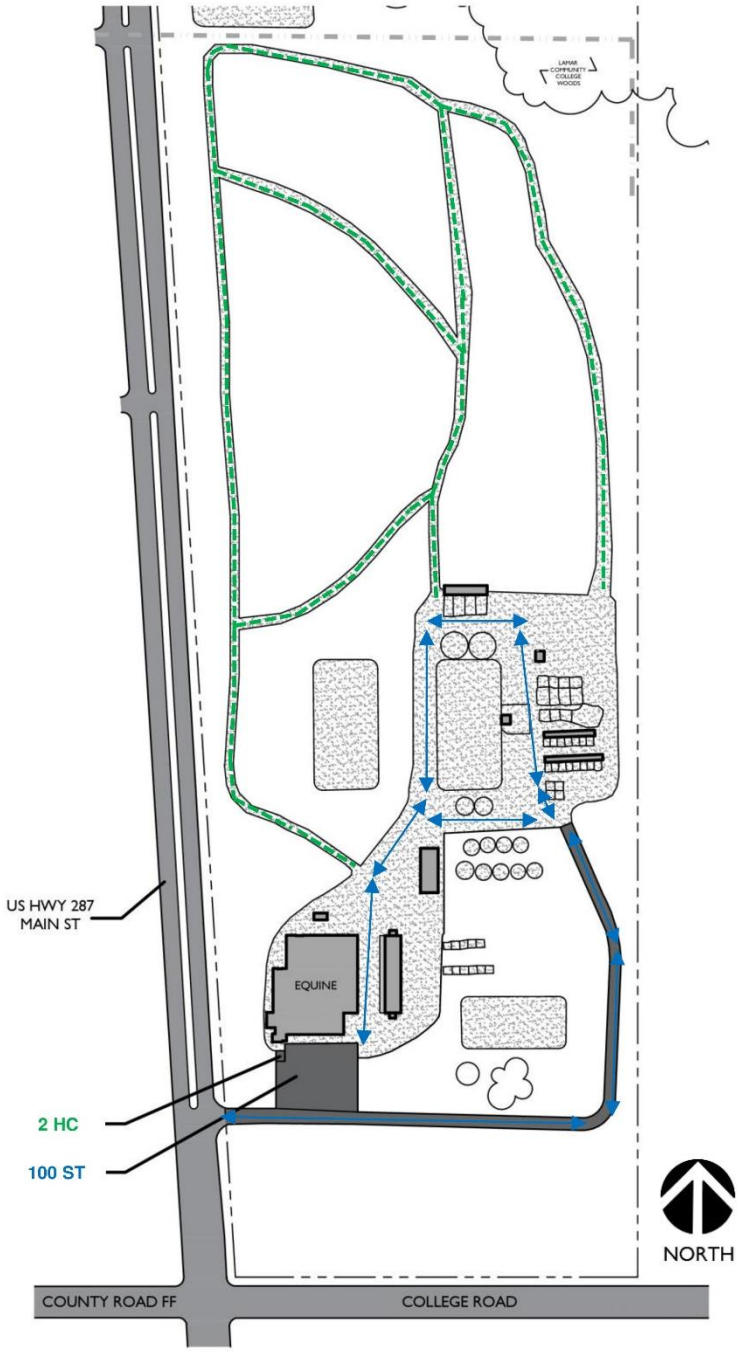


Figure HH. *Existing Parking and Circulation Plan at South Campus. No Scale.*

III.K. UTILITY SYSTEMS

Descriptions of the various utility infrastructure systems are provided in the following narratives.

In general, the site is located partially in the City of Lamar, and partially in unincorporated Prowers County. The split occurs south of the Wellness Center parking lot. As such some City of Lamar municipal services are not available at the south end of the property. See Figure II.

UTILITIES LEGEND

- Overhead Utility Lines
- Underground Electrical Line
- Underground Fiber Optics Line
- Underground Water Line
- Underground Sanitary Sewer
- Underground Gas Line
- GEO — Geothermal Field
- SEPT — Septic System and Leach Field
- Irrigation Well
- Fire Hydrant

Note: LCC-owned underground storm sewer lines are not shown.

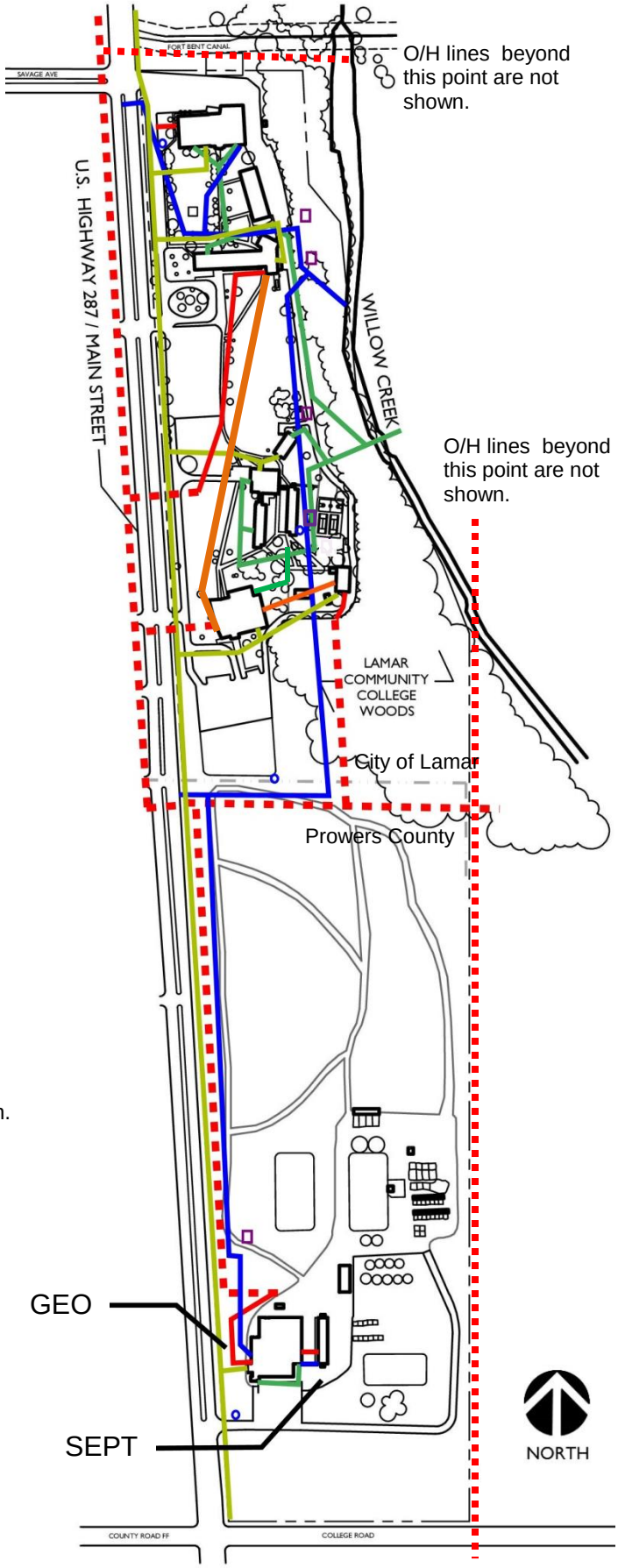


Figure II. *LCC Campus utilities plan. No scale.*

i. Water, Waste, and Storm Water Systems

Campus domestic and fire water service and waste water service is provided by the City of Lamar. The Campus has a 14" CI city water main running diagonally through the main quad, passing by the SW corner of Betz and then diverted between Trustees and Bowman where it then continues past Willow Creek. Just SE of Bowman, there is a 6" Tee that then continues due south running just east of the Todd-Burch building until it reaches the original southern property line that occurs at the end of the City Limits, where it then turns west and is presumed to tie back into the city main in the Highway ROW. The Betz, Trustees, and Bowman are fed directly from the 14" line, and it appears that Todd-Burch and Prowers House are fed from the above mentioned 6" line. The Wellness Building was fed from a new City tap at the Highway ROW. There is an 8" line that runs south of the Wellness Center parking lot towards the HTM area, which serves the building. There are fire hydrants located throughout the property, but they have not been evaluated for proper locations or fireflow with respect to current fire department regulations. It is recommended that LCC review their current and proposed water lines associated with future development with the City of Lamar particularly for improving flow rates for fire suppression. It was noted in plans that fire hydrants were added and/or moved during the Wellness and Betz renovation projects.

Building sewer lines are primarily routed from the older buildings through vitreous clay pipe sanitary sewer lines that eventually tie into the city sanitary sewer system located east of the main buildings on campus. There is no acid neutralization tank for waste emanating from the science labs in the Trustees Building. The Wellness building was also tied into this general City Sanitary Sewer system northeast of the building. Both the Weld Shop and Facilities Operations Building have sanitary waste lines, but the documented locations of these lines was not determined during this report.

The HTM Building development utilizes a septic system and leach field that was assumed to have been constructed at the time of its original construction, circa 1975, but was re-certified during the year 2009 renovation.

Stormwater (both site-collected and roof drainage) is routed underground toward the eastern edge of the property and is discharged into the Willow Creek area at multiple locations. It appears from plans that these lines are LCC owned.

Irrigation water for the main (northern half) of campus is provided by four LCC owned wells. One is located east of Trustees, a second is located east of the Bowman, a third is northeast of the Prowers House, and the fourth is located due west of the tennis courts. It is reported that the water quality and water availability is sufficient for the campus needs and that the well pumps are in decent condition. Irrigation water used for the exterior arena and some landscaping west of the HTM building at the south end of the campus is provided through a separately metered city-owned water line, with a secondary pressure booster pump which is located at the northwest corner of the HTM building.

ii. Heating / Cooling Systems

The Betz and Wellness buildings are both served by multiple rooftop HVAC units with chilled water coils and have hydronic re-heat provided in the duct systems. They have centralized heating water boilers and hydronic piping.

The Bowman and Trustees buildings share a common 2-pipe hydronic heating and chilled water system that originates at the Bowman building. Most classrooms have unit ventilators and/or fan coil units. The Bowman building

does have two multi-zone AHU's that provide air to the Administration wing, the LRC and the auditoriums. The boilers are newer, but the chiller is near the end of its expected life.

The Todd-Burch facility is similar in design to the Bowman Building with the sleeping rooms and many common areas served by unit ventilators that are original to the building, and a multi-zone AHU only serving a limited portion of the facility. The boilers and chiller are relatively new in this facility.

The HTM facility did not have gas service readily available, so the year 2009 renovation included the addition of a geothermal field and heat pump system throughout the academic portion of the building. (Note: This was the first known use of a geothermal system in a community college building in the State of Colorado.) The agricultural portion of the facility is ventilated only.

The Weld Shop and Facilities Operation buildings are provided with gas-fired Unit Heaters and have no air conditioning.

The Prowers House uses independent through-wall, self-contained heat pump units at each sleeping room.

There is natural gas provided to all buildings at the northern half of the campus, but its use is mostly limited to domestic water heating and kitchen or lab equipment. There is a medium pressure gas main running along the western property line. The service provider is Atmos.

iii. Electric Systems

The main campus core buildings are fed by separate metered electrical services as described below. The electric service provider is Lamar Light & Power. [Note: they have a substation located just north of the campus property.]

Betz has an underground service fed from a pad mounted utility owned transformer located on the east side of the building. It is 480/277V, 1200A service.

Trustees has an underground service fed from a pad mounted utility owned transformer located on the east side of the building. It is 480/277V, 600A service. It also has an Emergency Power feed from the Bowman Building which is tied to an emergency generator.

Bowman has an underground service fed from a pad mounted utility owned transformer located on the east side of the building. It is 480/277V, 800A service. It also has an Emergency Power feed with an automatic transfer switch which is tied to an emergency generator located at the east side of the building. The emergency generator is currently not functioning properly.

Wellness Center has an underground service fed from a pad mounted utility owned transformer located on the west side of the building. It is 480/277V, 1000A service.

Todd-Burch has an underground service fed from a pad mounted utility owned transformer that feeds two separate MDPs. One is a 120/208V, 1000A MDP which is original to the building and has three EM feeds tapped off ahead of the main breaker. The other is a 120/208V, 600A MDP which was installed in 2011 and feeds the chiller and some other mechanical equipment.

Prowers House has an underground service fed from a pad mounted utility owned transformer. It is 120/208V**,** 300A service.

The HTM Building has an underground service fed from a pad mounted utility owned KVA transformer located on the west side of the facility. It is 120/208V, 600A switched service feeding an 800A MDP.

Welding has an overhead electrical service fed from a pole mounted transformer. It is 120/208V, 1200A.

The Facilities Operations metal building has an overhead electrical service fed from a pole mounted transformer. It is 120/208V, 200A.

iv. Fire Sprinklers & Fire Alarms

Of the nine major buildings on the LCC Campus, only three are fully sprinklered (Betz, Wellness and Prowers House), and only the Todd-Burch/Kelley Union Cafeteria is partially sprinklered at the basement level. It is our opinion that, while the Trustees, and Bowman are legally allowed to remain unsprinklered, the lack of a sprinkler system in those two buildings significantly impacts the code requirements that must be addressed during any renovation of these buildings. The Todd-Burch Residence Hall would not be allowed to be constructed under current codes without a sprinkler system, and should be considered for this improvement if the building is to remain in use.

There is no campus-wide integrated fire alarm / mass notification system. There are however, stand-alone fire alarm systems located within the following buildings as required by current code: Betz, Wellness, HTM and Todd-Burch; and there is a fire alarm system located in Bowman that also is tied to the Trustees building. The Prowers House dormitory is not required to have a fire alarm system, but it does have an integrated smoke alarm system.

v. Technology Infrastructure

This was not evaluated under this FMP. However, it should be noted that there are LCC owned underground routed Fiber Optic Lines running between buildings as indicated on the utilities map. In addition, there is a major State Owned Fiber Optics cable that runs along the western border of the property which serves the southeastern quadrant of the State. Telephone service is provided by CenturyLink.

III.L. STORM WATER MANAGEMENT

Lamar Community College Campus site does not have a formal storm water management plan, but must consult the guidelines of the City of Lamar Municipal Code, Chapter 16, Zoning, Article XXIII, and amendments (Ordinance No. 1201, dated 2/22/2016 and Ordinance No. 1194, dated 1/12/2015), which provide for the local regulation of floodplain management. See Appendix V.B. for weblink. The following notes storm water infrastructure for the City of Lamar:

"Lamar has some limited storm sewer infrastructure. A majority of the storm water-runoff is handled through the canal systems running adjacent to the Arkansas River and area creeks."* See Figure JJ.
**Source: Prowers County Master Plan, City of Lamar Comprehensive Plan, 2004, HNTB Architects Engineers Planners.*

LCC's Campus has the Willow Creek to its east for onsite runoff. See Figure JJ.

Figure JJ. *Lamar Canal, part of Lamar's storm water collection system (top); east access road drains off to Willow Creek to its east (bottom).*

III.M. ATHLETICS / PARKS / RECREATIONAL FIELDS

As described in Section II.D.v., Lamar Community College has formal competitive sports teams and onsite athletic facilities The 38,388 GSF Wellness Center building houses a 1,300 maximum occupant indoor gymnasium that is utilized around the clock for the court sports and other large assembly events, as well as a weight/cardio room, an aerobics room, a running track, and a training room, with lockers and showers for athletes and coaches. The facility is scheduled to accommodate not only LCC athletes but also LCC students and faculty/staff as well as the general public. Overall, the facility is in good condition and well maintained.

Available to resident students at the Todd-Burch Residence Halls and the Prowers House is a 2,303 ASF weight room at the basement level of the Kelley-Union Cafeteria. This space is given priority to student athletes.

The Campus also has a special onsite nature park; the Lamar Community College Woods is formed around the natural Willow Creek, a tributary of the Arkansas River. The park itself is a sensitive riparian area that attracts migratory birds and other wildlife. Park-like amenities, such as outdoor bench seating and picnic style tables are provided around this park as well as other areas on campus, located adjacent to buildings as well as in open spaces. Some of the tables and benches at the Woods area are generally run down.

Recreational fields are provided at the resident halls with the two tennis courts and the basketball court. The surfaces are not maintained and as such get little to no use, with the exception of the basketball court.

III.N. ASSESSMENT OF CURRENT CAMPUS AESTHETICS

i. Architecture

The LCC Campus' oldest existing buildings, the Todd-Burch Residence Halls and Kelley-Union Cafeteria, were built in 1965, a period promoting the late modernism style in architecture. Simple geometries in masonry made to look monumental and solid but punctuated with glass curtain walls and ribbon windows typify this style, as evident in the Todd-Burch. The Bowman, Betz and Trustees Buildings followed with a similar vocabulary and use of brick masonry. In particular, the clean lines of the precast exterior columns and curtain wall system at the Bowman Administration Building introduced a formal expression of collegiate architecture to the campus. See photos below.



The late 1990s renovation of the Betz Technology Center along with the new Wellness Center exhibit the architecture style High Tech Modernism also known as Structural Expressionism, common to this era and featuring exposed structure, glass curtain wall facades and the use of metal suggesting industry and technology. See photos below.



LCC's next major building project, the 2009 addition to the Horse Training Management Indoor Arena continued some of the High Tech Modernism of the previous campus buildings but also interjected color elements of the regional agrarian style as suggested in traditional farm metal buildings. See photos below.



The Campus' most recent building project, the first phase of the new Prowers House Dormitory one-story complex, utilizes a more traditional residential vocabulary with a gable roof and a blend of complementary toned masonry and stucco. See photos below.

ii. Scale

With generous setbacks from Highway 287 and surrounding properties, the size/massing of the buildings on the LCC Campus compliments the neighboring commercial and residential buildings, as their scale neither competes nor dominates the nearby mix of building styles and the established mature treescape. The latter in particular serves in many instances to buffer and blend the scale of campus with commercial residential buildings.

iii. Materials

The overall exterior finish palettes represented among all the campus buildings are consistent in theme and appearance. Homogenous as well as multi-colored masonry and metal dominate as exterior walls with aluminum curtain wall system, ribbon windows and entrances of clear anodized aluminum with tinted glass, and some precast elements such as "eyebrow" overhangs and accent bands. Most of the masonry buildings employ flat built up roofs with the exception of sloped articulated elements, seen at the Betz Technology Center and Wellness Center. A number of the metal buildings have traditional low sloped roofs. In contrast, the use of wood is limited to landscape features, including the newly built trellis gazebo for the community garden, fencing, and the original pump house from the Lamar Junior College site.

Interior materials vary with vinyl composition tile, carpet/carpet tile, terrazzo, and exposed concrete found in most public areas, along with original stained solid wood doors. Painted gyp board and exposed masonry with acoustic ceiling tiles are the main interior finishes. Original bathrooms and kitchens have original ceramic tile finishes and metal partitions. Some finishes particularly the original vinyl flooring tiles have asbestos content.

iv. Site Design, Main Street, and Campus Approach

The LCC Campus anchors the south end of Lamar's city limits, and thus is a prominent location marker for north-bound and south-bound traffic on Highway 287/Main Street. CDOT's Online Transportation Information System (OTIS) reported for 2016 the Average Annual Daily (24 hour) Traffic (AADT) use at the segment of highway north of its station at the College Road intersection to be significantly high: 6,800 vehicles, with 23.6% of those vehicles consisting of trucks. The next CDOT traffic station north of Savage Avenue reported an even higher AADT at 11,000 vehicles. Traffic speed is accelerating / decelerating along the one mile north-south length of campus from 45 mph to 65mph, which affords little time for a vehicle to pay close attention to the campus and its architecture. With the exception of the Equine Complex metal arch, signage along the highway is limited to standard non-overhead street level signage. See Figure KK. The Main Street improvements described in Section III.A.ii., will look at eliminating the existing central medians with plans to relocate light standards and potentially introduce sidewalks.

Figure KK. *(Top to bottom) Views of Highway 287/Main Street looking north, approaching the City of Lamar.*

The Campus has four site access points, from north to south: Savage Avenue, the Bowman Building, the Wellness Center, and the Equine Complex. Two campus monument signs, one electronic display near the Savage Avenue entrance and the original campus monument sign by the Bowman Building, provide advertisement for the Campus' location. From interviews and conversations throughout the FMP process, many have commented on the Bowman Building driveway to be the main campus entrance, with the Savage Avenue entrance as a close second due to the traffic signal crossing and the electronic sign. But next to these signs, there is little in the way of site features to highlight the campus entrances; standard concrete parking stops painted yellow are the "median" separating ingress/egress at the Savage Avenue entrance – see Figure LL. Additionally, the one overhead metal arch that highlights the Equine Complex entrance sits close to the highway and runs parallel with the highway, which make it difficult for a viewer to register this entrance as a college campus entrance.

A pair of Rectangular Rapid Flash Beacons (RRFB) was recently installed by CDOT along Highway 287/Main Street: one at the Campus driveway at the Bowman Building and one at the corresponding driveway of Merchant's Park to alert traffic to a pedestrian crossing. Though actual use of this RRFB has been reported to be negligible since its installation, its placement has significance to alerting traffic to this particular entrance to the LCC Campus. CDOT has noted that there are plans to paint a crosswalk along the highway to enhance safety, which will further draw attention to this entrance.

Figure LL. *Savage Avenue campus entrance, looking at Highway 287/ Main Street.*

v. Public Art

Lamar Community College has select displays of public art throughout its campus, both exterior and interior and in a variety of media. Most works are by commissioned artists, whose subjects celebrate themes of campus programs, regional history, as well as landscape and animals - see Figures MM.1. and MM.2.

Figure MM.1. *Examples of bronze sculptures on LCC Campus (from left): Prong horned antelope exterior sculpture is featured on the roundabout island south of the Bowman Building; a bronze sculpture is the visual centerpiece of the Learning Resource Center in the Bowman Building Room 143.*

Figure MM.2. *Examples of varied public art around the LCC Campus interiors (from left): Mosaic ceramic tile wall sculpture at the Wellness Center walls outside of the gymnasium; acrylic painting over wood in the vestibule of the HTM Indoor Arena; wooden sculptures in the atrium space of the Betz Technology Center.*

Across the region, the area arts and metal work crafts and construction methodologies have deep historical roots in indigenous art, agrarian influences and the WPA building era. The LCC Campus hosts the Frontier History Encampment, a biennial educational community event with first-person historic interpreters. The event celebrates the 19th century Great Plains culture. A wooden windmill and masonry construction display permanently sit in the middle of campus for the encampment site. See Figures NN.1. and NN.2.

Figure NN.1. *Situated south of the Bowman Building in an open field are the wooden windmill and a stone masonry display. The field is the site of the biennial Frontier Encampment event hosted by Lamar Community College.*

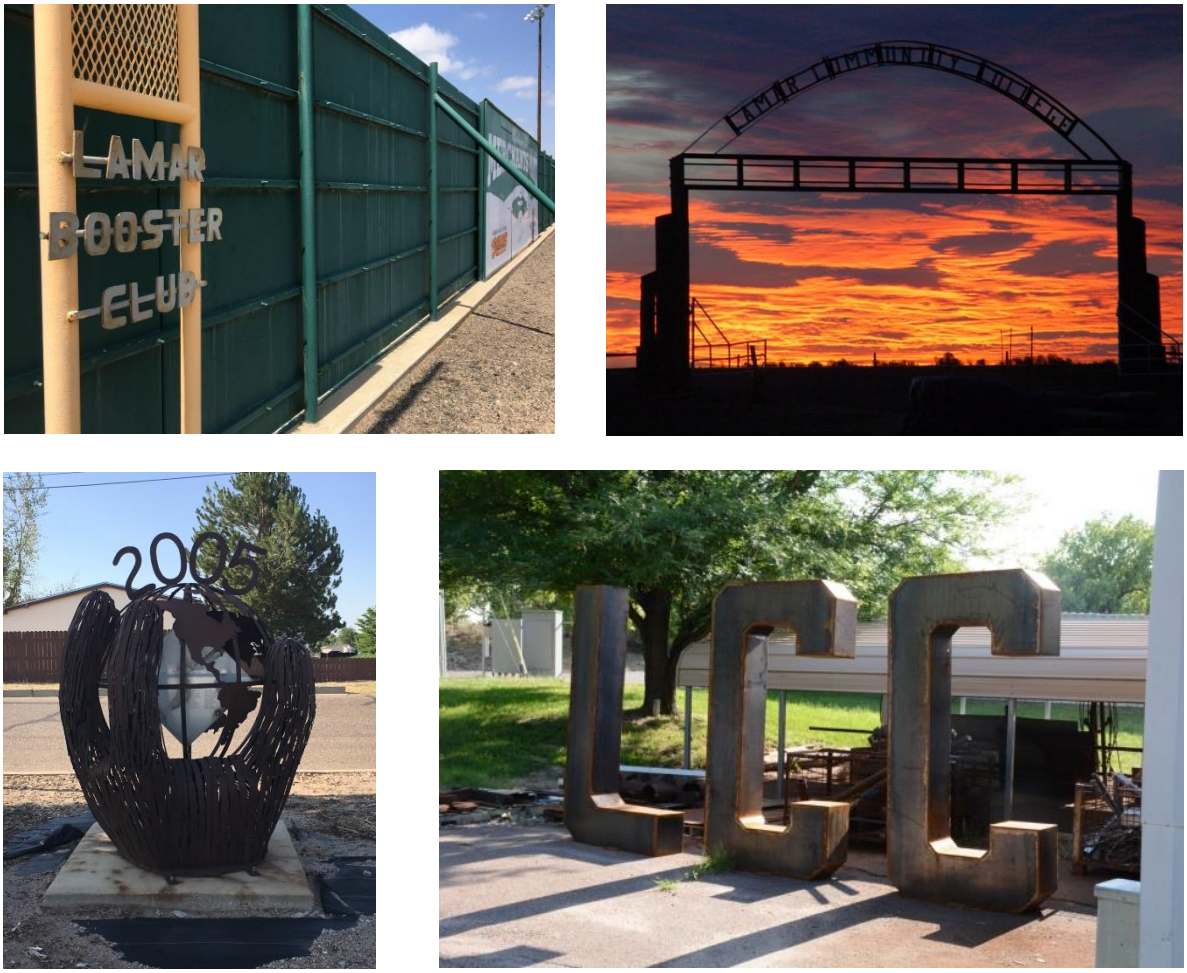
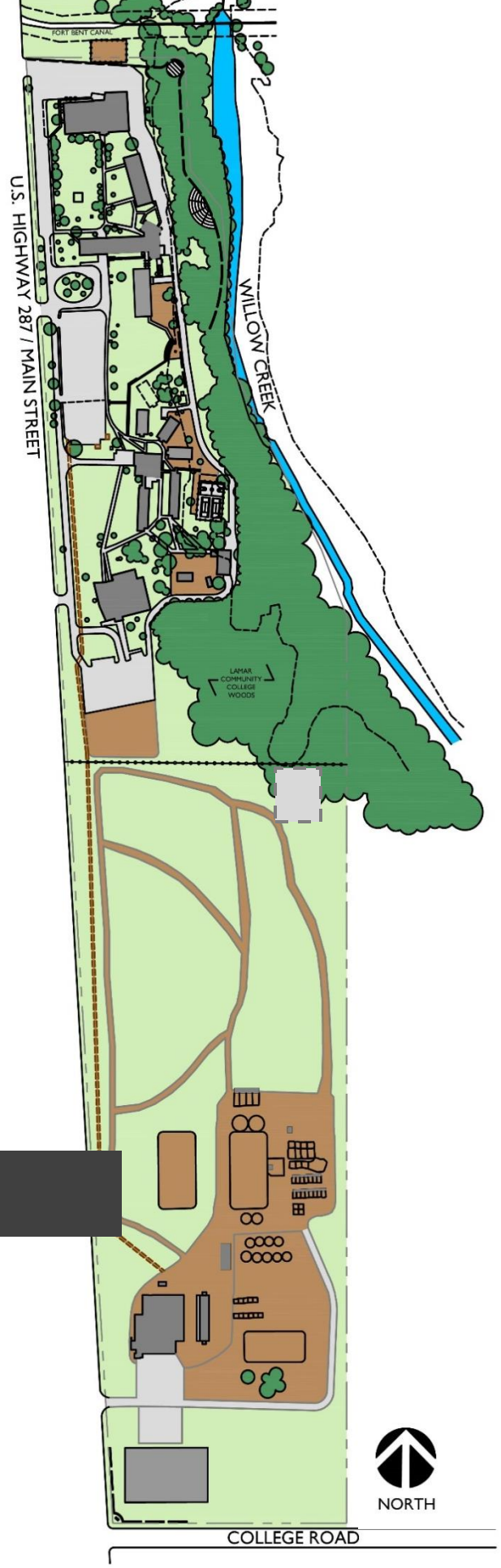


Figure NN.2. *Examples of the area's industrial aesthetic, from top left, clockwise: Merchants Park signage, the arched entry at the LCC Equine Complex, LCC letters created by LCC students, Lamar High School metal sculpture.*



SECTION IV. THE PLAN

IV. THE PLAN

Utilization studies and space projections demonstrate that the current physical classroom and its service space ASF and office and its service space are sufficient for the Base Year enrollment, but ASF for teaching labs, open labs and their respective service space are deficient. Moreover, deficiencies were reported also for Physical Plant, Informal Learning Space, Assembly and Exhibit, Resident Life, Learning Resource Center, and Recreation and Athletics in that order of deficiency percentage magnitude. Observations and opinions of space documented from campus interviews and surveys distributed among the LCC community further support the following analysis findings:

- Lack of informal study areas
- Lack of informal lounge areas – both student and faculty/staff
- Lack of adequately sized assembly/meeting spaces
- Lack of food options
- Lack of teaching space with appropriate infrastructure
- Lack of consistent brand identity within campus buildings and externally

From the Space Needs Analysis, for the horizon years, LCC's current facilities inventory (see Appendix V.D.) will be deficient for the Campus Total: 17% deficient for Target 1 and 22% deficient for Target 2.

Other mitigating factors in long term planning for the LCC Campus include the areas bordering the campus: the Main Street development involving the City of Lamar and the Colorado Department of Transportation (CDOT), and the Willow Creek nature area. Both influence and are influenced by the Campus.

Paramount to these concerns is the inadequacy of existing teaching space to provide proper instruction with the size and layout of existing rooms, aging infrastructure, and sound transmission between walls.

The Short Term Plan is planned out five years through Fall 2023. Its focus will be providing a new building to house the Career and Technical Education programs, a building that has already secured funding. Simultaneously, existing programs operating in challenged and/or undersized spaces, e.g. Nursing, can occupy the vacated spaces. Other priority projects planned for this period include: a Student Center remodel; a remodel of the Learning Resource Center; remodels for the Wellness Center; Phases 2 and 3 of the Prowers Housing complex; a new HTM Indoor Arena; a study for developing a Precision AG Farm; capital requested major building renovations for the Bowman and Trustees Buildings to meet code compliance with infrastructure upgrades; and site developments, which include additional parking, traffic improvements, and site landscape walls.

The Mid to Long Term Plan is planned out through Fall 2028 as the horizon, where the anticipated projects will be further development of the Precision AG Farm, remodels for Todd-Burch, a study for a practice basketball facility and ongoing site improvements.

Section IV.C. will present the College's proposed projects in detail.

View of the LCC Campus academic and administration buildings.

South view of the Bowman East Building and Library/LRC.

View of the LRC interiors, Bowman East Building.

View of the old LCC Bookstore space.

View of a SIM space in the Nursing Lab.

IV.A. LCC PRESIDENT'S LEADERSHIP COUNCIL: MASTER PLAN PRINCIPLES

The Plan as laid out in Section IV. has applied the following seven principles of the LCC President's Leadership Council:

Principle 1: Foster a positive, engaging student experience, in and out of the Classroom, to maximize student success

Principle 2: Optimize existing space to create a more contemporary learning and living environment

Principle 3: Create more spaces for collaborative learning and student engagement, as well as spaces that provide undisturbed individual study areas

Principle 4: Ensure employees have appropriate spaces to work, meet, and support student success

Principle 5: Ensure future flexibility and adaptability as services and programs evolve and change

Principle 6: Increase LCC's physical and social connection to its communities

Principle 7: Express the unique LCC brand

IV.B. IDEAL FUNCTIONAL DIAGRAMS

i. Site Development: Nature & Relationships of Land Zones, Land Coverage Decisions, Flexibility for Growth

To date, the master planning documents in place for both the City of Lamar and Prowers County remain current with regard to land zones and regulated uses (see Section III.B.), and are anticipated to stay current throughout the LCC FMP planning period. The Facilities Master Plan has noted anticipated plans in Section III.A.ii. surrounding the Campus during the planning period, mainly the physical upgrade of Highway 287 / Main Street to its west and the Lamar Loop project that will connect with the Campus to its north. The Plan identifies these upgrades as a positive influence for LCC's Campus site development plans throughout the planning period.

Planning for the site not only takes into account the aforementioned surrounding impacts, but also existing building locations, site circulation and parking, site features, namely the Lamar Community College Woods and Willow Creek, and the floodplain area associated with these features. The Fort Bent Canal and the utility substation to the north and existing site utility locations with established setbacks/easements, particularly the medium pressure gas line to the west and overhead power lines at the south city limits by the Wellness Center, also impact building development. Areas of limited utilities likewise influence building development. See the following site development functional diagram, Figure OO. illustrating these impacts for buildable area.

The current GSF building coverage of 269,079 GSF on the LCC Campus site amounts to approximately 6.17 acres, slightly over 5% of the 109 acre site. There is ample building area on the LCC site.

LCC FACILITIES MASTER PLAN
SITE DEVELOPMENT
FUNCTIONAL DIAGRAM
2018 – 2028

Not buildable, or limited buildable area*
*Floodplain limits subject to update, Fall 2018.

Buildable area

Area of limited utilities

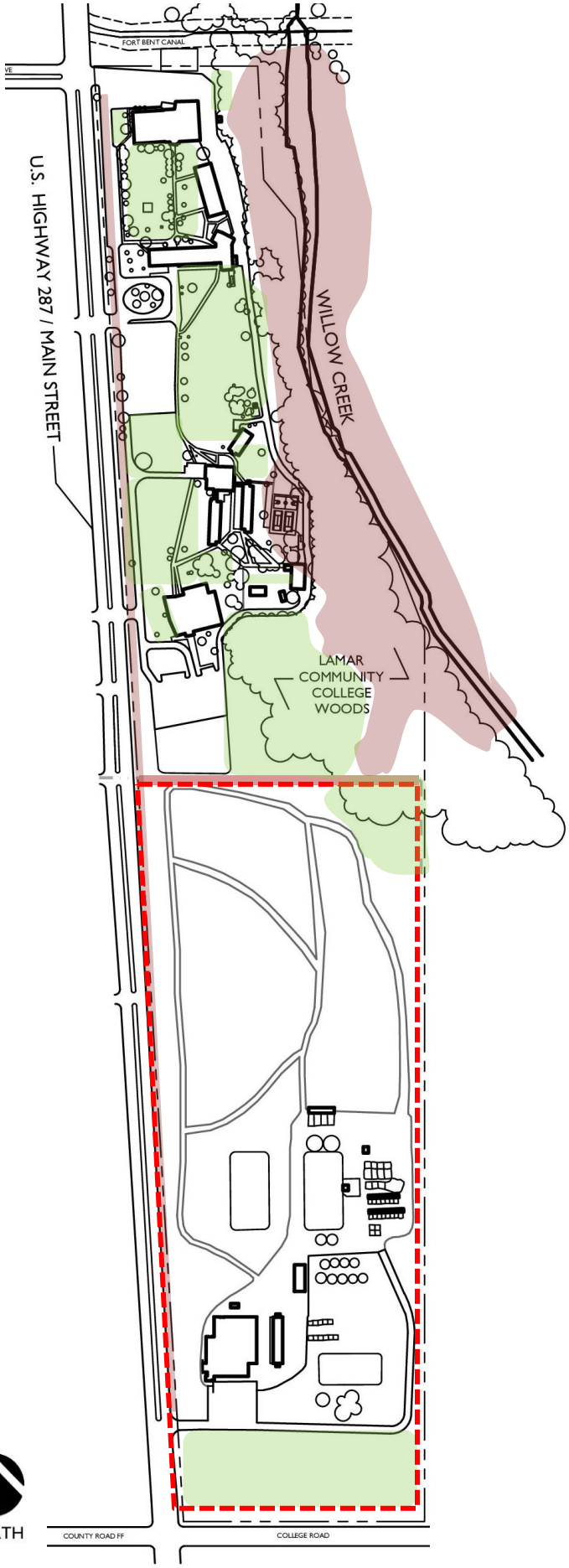


Figure OO.
Site Functional Diagram. No scale.

ii. Buildings: Functional Relationships, Flexibility for Growth

From the comprehensive building inventory, audit, scheduling, utilization/operation studies and interviews/surveys, the Consultants have determined an understanding of functions and space relationships for the major buildings, as well as potential areas for renovation. The following narratives with building plan diagrams highlight potential program renovation areas (shaded in green) along with existing uses that remain functional as currently purposed.

Betz Technology Center

As the Campus' newer major academic building, the Betz Technology Center's modern aesthetic and openness will continue to appeal to students and visitors alike. The old Bookstore area with its high visibility and tall ceilings has great potential for a much needed student centered space. With plans to move Construction Trades and Renewable Energies into a new CTE Building, the growing Nursing and Allied Health programs can fill these vacancies.

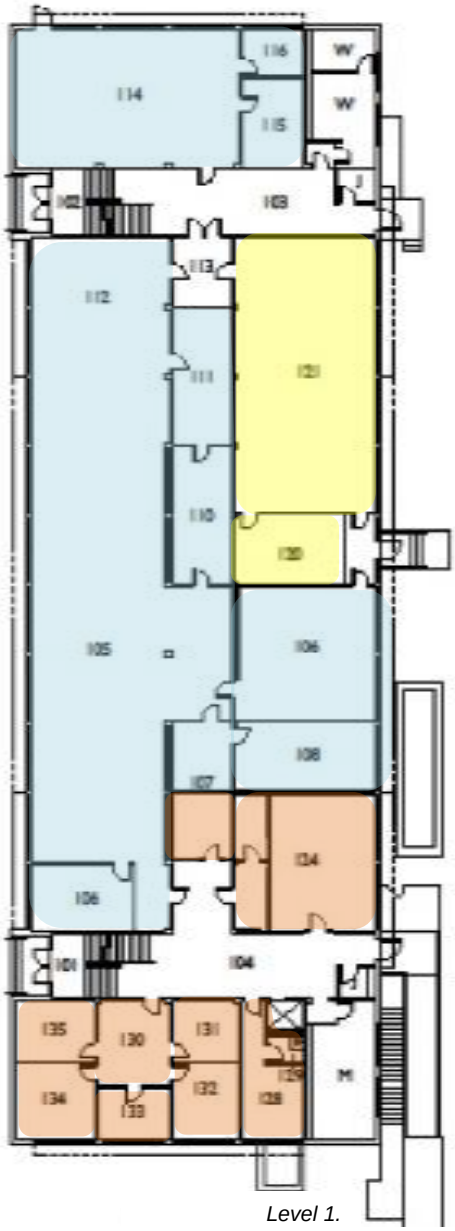
Betz Technology Center
FUNCTIONAL DIAGRAM

- Classroom, Laboratory
- Faculty, Staff Space
- Student Services
- Meeting Space
- Potential for program renovation

Trustees Building

The Trustees presents the most challenging issues due to the split level arrangement with building access and dated infrastructure for science-related programs. Code compliance upgrades and reassignment of existing lab and meeting spaces can provide needed program space deficits.

Level 2.



Level 1.

Area of existing parking and traffic circulation

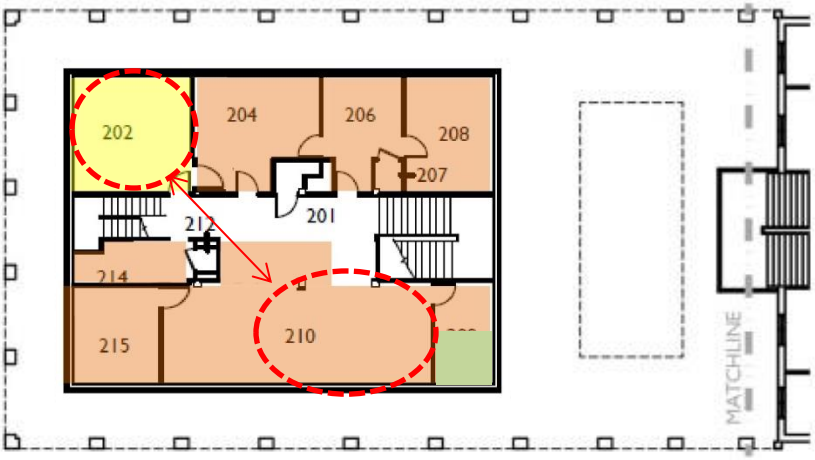
Trustees Building
FUNCTIONAL DIAGRAM

- Classroom, Laboratory
- Faculty, Staff Space
- Student Services
- Meeting Space
- Potential for program renovation

NORTH

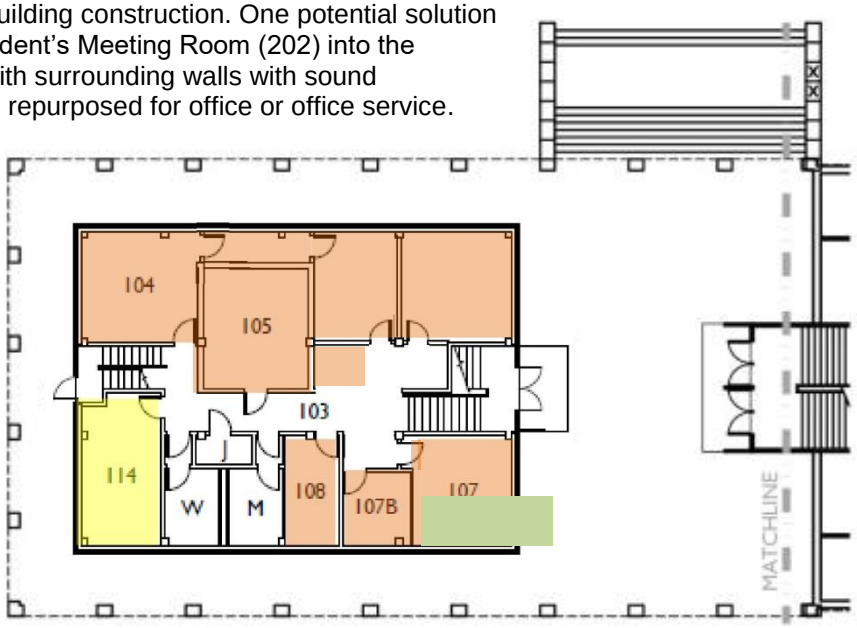
Plan not to scale.

Bowman Building – West (Administration)
The focus of improvements to the Administration Building is the building circulation meeting accessibility requirements and addressing HVAC and curtainwall concerns.



Level 2.

One concern raised about the Administration Building from survey comments and interviews was lack of privacy and proper sound attenuation due to existing building construction. One potential solution could be relocating the President's Meeting Room (202) into the current large space of 210 with surrounding walls with sound insulation. Room 202 can be repurposed for office or office service.



Level 1.

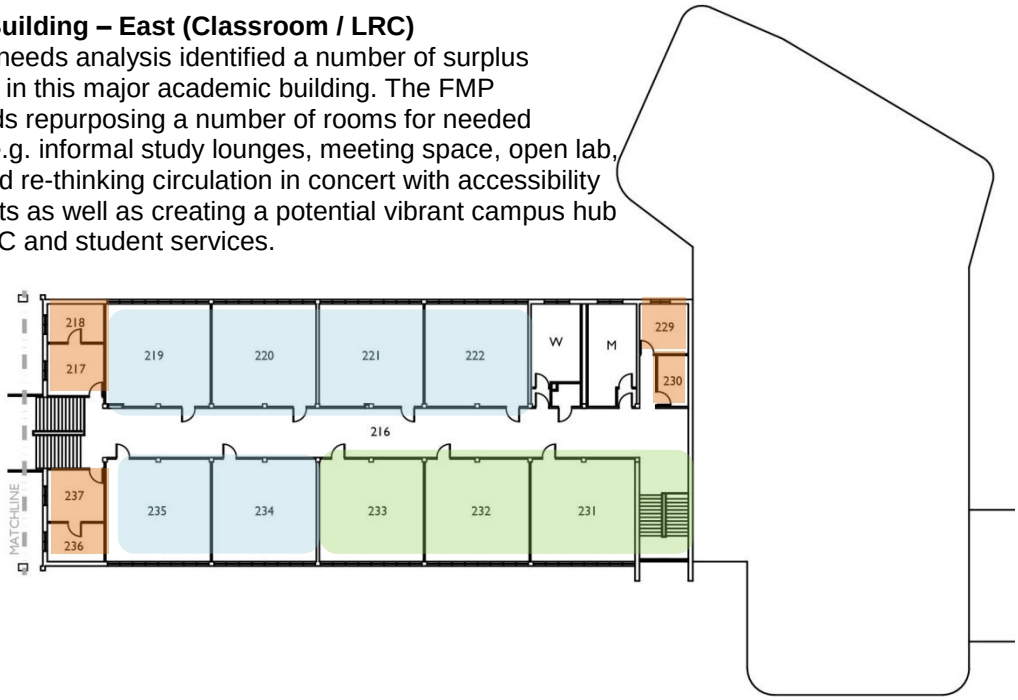
Bowman West Building - Administration
FUNCTIONAL DIAGRAM

- Faculty, Staff Space, Other Organizations
- Student Services
- Meeting Space
- Potential for program renovation

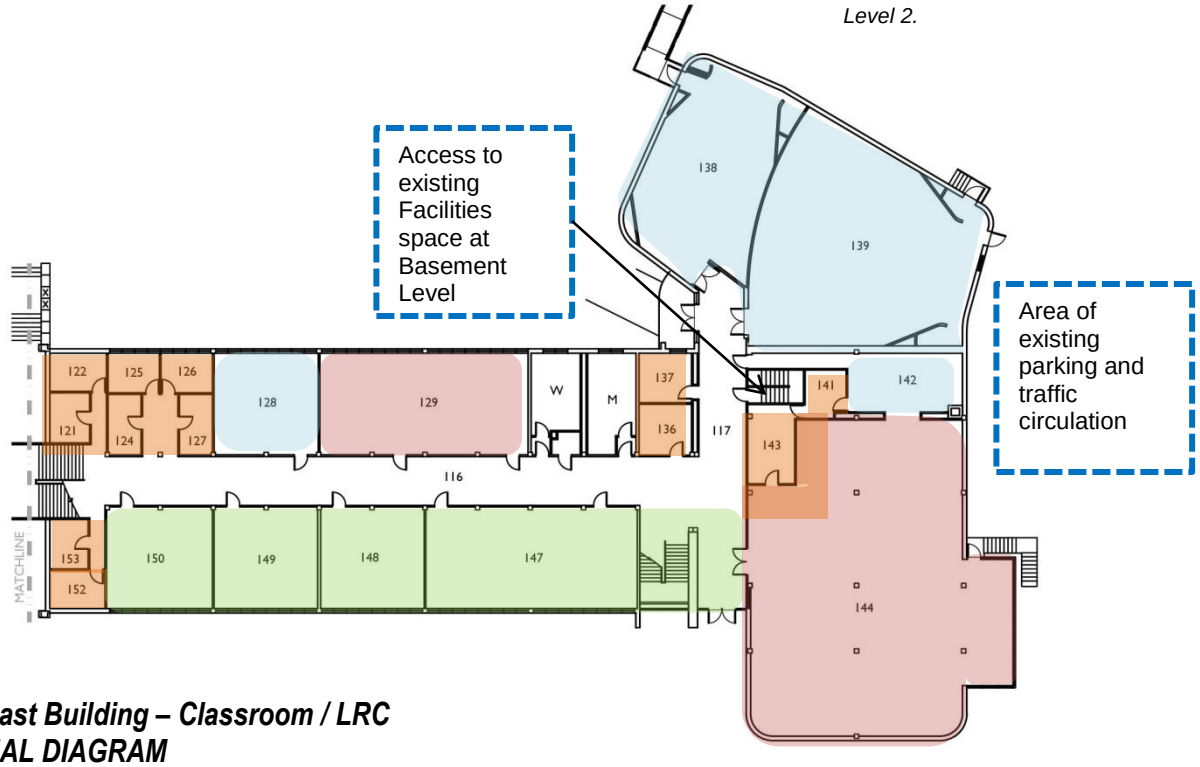
NORTH

Plans not to scale.

Bowman Building – East (Classroom / LRC)
The space needs analysis identified a number of surplus classrooms in this major academic building. The FMP recommends repurposing a number of rooms for needed functions (e.g. informal study lounges, meeting space, open lab, storage) and re-thinking circulation in concert with accessibility requirements as well as creating a potential vibrant campus hub with the LRC and student services.



Level 2.



Bowman East Building – Classroom / LRC
FUNCTIONAL DIAGRAM

- Classroom/lecture, Laboratory
- Faculty, Staff Space
- Student Services / LRC
- Meeting Space
- Potential for program renovation

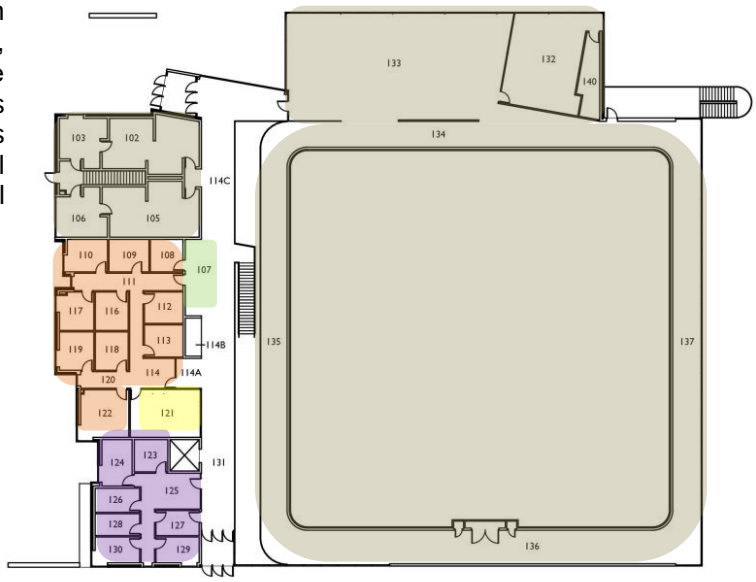
Level 1.

NORTH

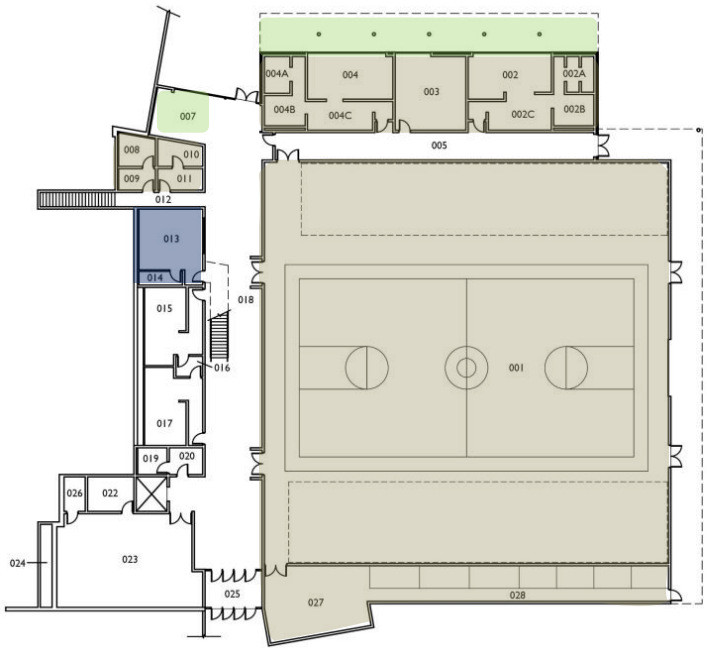
Plans not to scale.

Wellness Center

The Wellness Center is laid out with distinct purposeful functions. However, some of the building's key spaces have outgrown their original size, namely offices and the Training Room. Several areas have been identified as potential renovation areas, to include informal student lounge space.



Level 2.



Level 1.

Wellness Center
FUNCTIONAL DIAGRAM

- Athletic space
- Faculty, Staff space
- Meeting space
- Concession space
- Outside institution space
- Potential for program renovation

NORTH

Plans not to scale.

IV.C. CAMPUS PLANS AND SUPPORTING DATA

i. Proposed Site Development

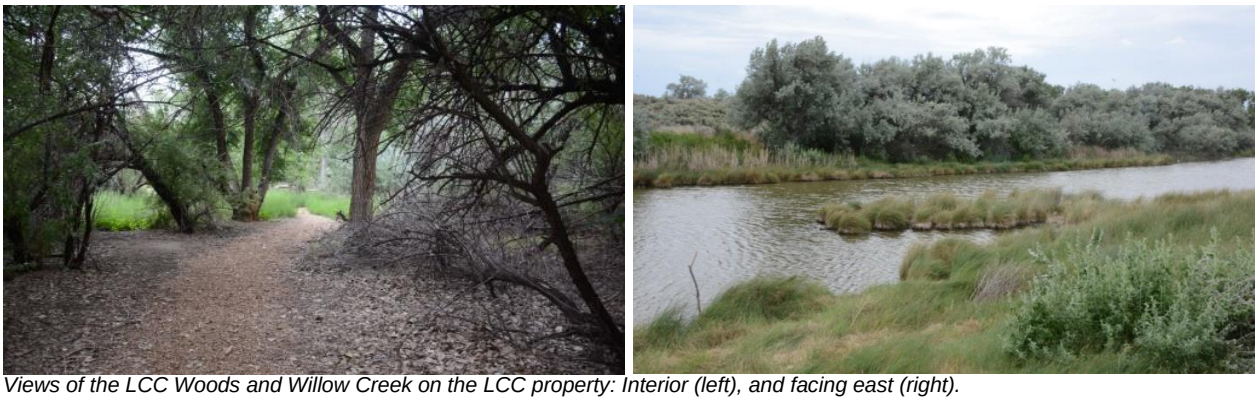
The recommended site development projects take into account the relationships of the LCC Campus site to its surrounding properties, its onsite natural assets, and the relationships between existing buildings and proposed buildings. The site development was also guided by Principles 6 and 7 of the President's Leadership Team's Master Plan Principles on the matter of campus identity:

Principle 6: *Increase LCC's physical and social connection to its communities*

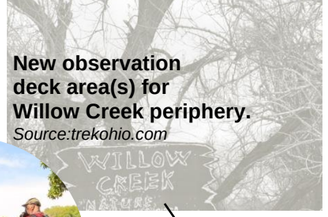
Principle 7: *Express the unique LCC brand*

Figure PP. details the recommended site projects, which include the following:

- A thematic landscape gabion wall, inspired by the regional history of stone masonry and the industrial aesthetic evident on the LCC Campus and its surroundings. The wall segments should be strategically placed to both highlight Campus features, as well as screen undesirable elements, such as the City-owned electrical substation. Considerations should be given to structural reinforcement based on wall height, and corrosion inhibitors for mesh material. Internal rock material can include recycled concrete, while visible external rock material can be native stones.
- An outdoor amphitheater oriented toward the Woods and Willow Creek with close proximity to the dormitory buildings. As an outdoor assembly area, it can serve as both a learning space and a performing space; it can complement the Frontier Encampment activities as well as provide students an informal get-together space. Its ultimate placement near the Bowman Building can provide a strong visual connection from Highway 287 / Main Street and reinforcing the main Campus entrance.
- Observation decks at the Woods and Willow Creek areas. Raised wooden decks can act as learning spaces and gathering spaces for LCC and the community at large for natural science activities as well as birding.
- Improved signage to promote and highlight the LCC Campus. The existing Savage Avenue monument sign should be re-designed to reflect a more modern Campus aesthetic as well as promote LCC's brand. Installation of the LCC student created - "LCC" letters could further reinforce the Campus location and the industrial aesthetic.
- Proposed parking/circulation systems projects are detailed in Section IV.C.ii. See Figure QQ.



Views of the LCC Woods and Willow Creek on the LCC property: Interior (left), and facing east (right).



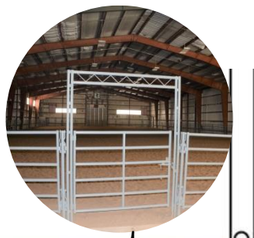
New observation deck area(s) for Willow Creek periphery.
Source:trekohio.com

Develop new formal Bowman entrance/elevator at LRC creating a connection with new CTE Building.
Design/Source: LTL Architects

New Outdoor Amphitheater oriented toward creek, student housing
Source: waymark.com

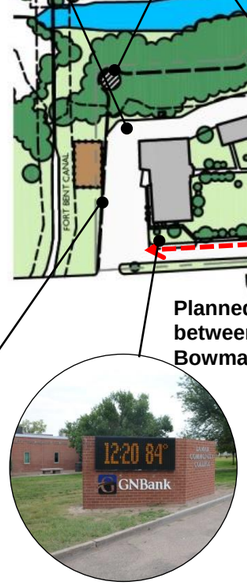
Phase 2 / Phase 3
New Student Housing with potential for fourth unit

New Indoor Arena with additional parking

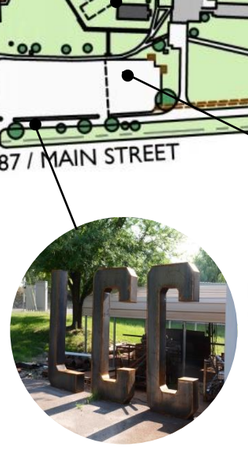


Pedestrian crosswalk and marked striping to slow traffic on access road; provide added parking along access road.

New CTE Academic Building to incorporate student lounge and study areas, advising areas, and vehicular access with parking.

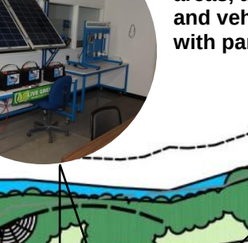


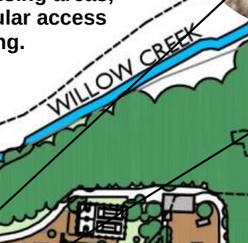
Reimagined monument signage to better promote LCC



New monument signage

Gabion landscape walls to enhance Savage Avenue campus entrance, screen undesirable landscape elements
Source: gabion1.com.au/





In conjunction with CDOT Main Street improvements, locate new street light standard with overhead campus signage and marked crosswalk striping coordinated with existing rectangular rapid flash beacons (RRFB) to improve safety and draw attention to main campus entrance by the Bowman Building.

Planned 2-way drive between Betz and Bowman.

New extended 100+ space parking lot for resident students located closer to dorm area, and to increase main entrance visitor and staff parking. Include new west medians with screening elements.

Gabion landscape walls with metal accent panels for visual continuity throughout LCC campus landscape
Source: gabion1.com.au/

New monument signage

Figure PP. FMP Site Development Plan.

FACILITIES MASTER PLAN
LAMAR COMMUNITY COLLEGE
SITE DEVELOPMENT PLAN

2018 – 2028 Horizon No scale.

ii. Parking / Circulation Systems

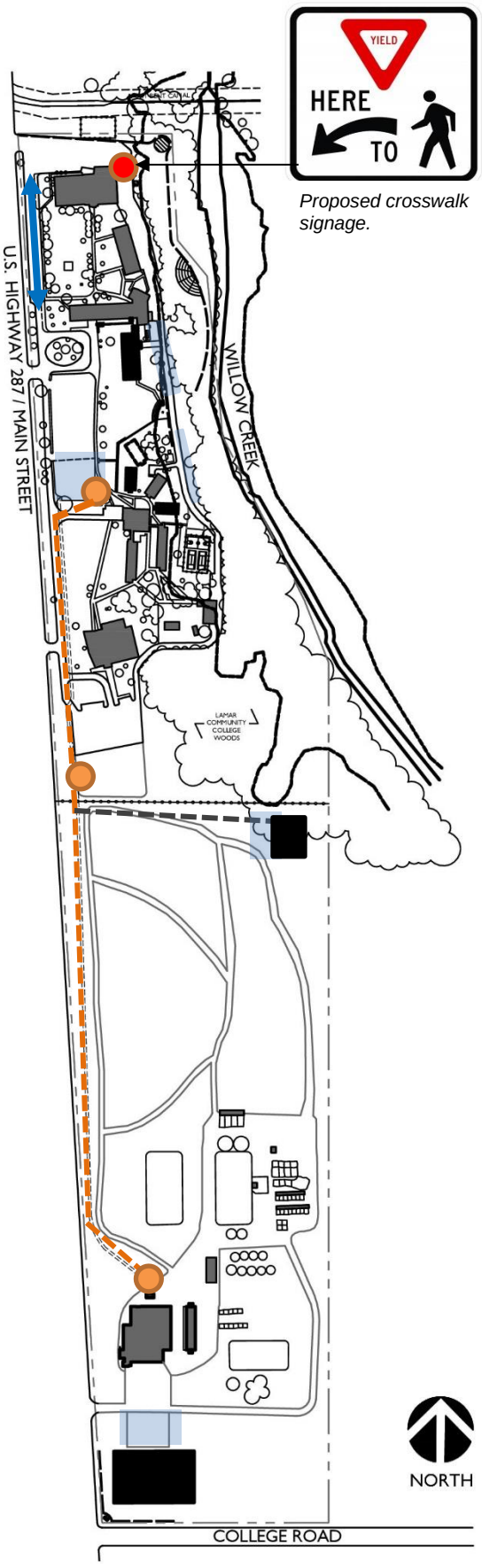
LCC projects its on-campus enrollment to increase by 10% to 682 at Target Year 1 (2023) and 10% to 750 at Target Year 2 (2028). The FMP recognizes this growth will impact the current parking and site circulation serving both the existing and proposed campus buildings, particularly with an anticipated resident (housing) student growth. The FMP makes the following recommendations:

Parking – Additional minimum 220 spaces

- Additional parking for housing students - minimum 100 spaces. Locate close to dormitory buildings.
- Additional parking for planned HTM Indoor Arena building – minimum 100 spaces.
- Additional parking along east access road, minimum 20 spaces.
- Exclude the 50 overflow spaces in the city-owned lot to the north from the LCC Campus parking inventory, because of the lack of proper parking barricades by the Fort Bent Canal waterway. Proposed plans around this area should be reviewed with the City of Lamar; maintain access to this lot for the City's use as required.

Circulation Systems

- Create two-way traffic west of Betz Building to permit flexible traffic route between the Betz, Bowman and dormitory buildings without having to access Highway 287 / Main Street.
- Add signage and crosswalk striping for pedestrian crossing at northeast corner of Betz Building to promote safety.
- Add bike/walk route connecting dormitories and the Equine Complex to offer non-vehicle route to traverse campus without accessing Highway 287 / Main Street, and also provide a healthy alternative for mobility around campus.
- Highlight main entrance to the LCC Campus via Bowman Building access driveway.



Proposed crosswalk signage.

FACILITIES MASTER PLAN RECOMMENDED PARKING / CIRCULATION SYSTEMS

- Proposed Building – Target Year 2023; Target Year 2028
- Proposed Parking Lot – Target Year 2023; Target Year 2028
- Proposed Bike Parking – Target Year 2023 Through Target Year 2028
- Proposed Bike/Walk Path – Target Year 2023 Through Target Year 2028
- Proposed Striped Crosswalk with signage, Target Year 2023
- Proposed Two-Way Traffic, Target Year 2023
- Study for a proposed access road, parking for AG Farm, Target Year 2028

iii. Building Projects

The recommended FMP building projects are identified in Figure RR. The following sections iv. and v. describe the projects scheduled for the two Target Year goals.

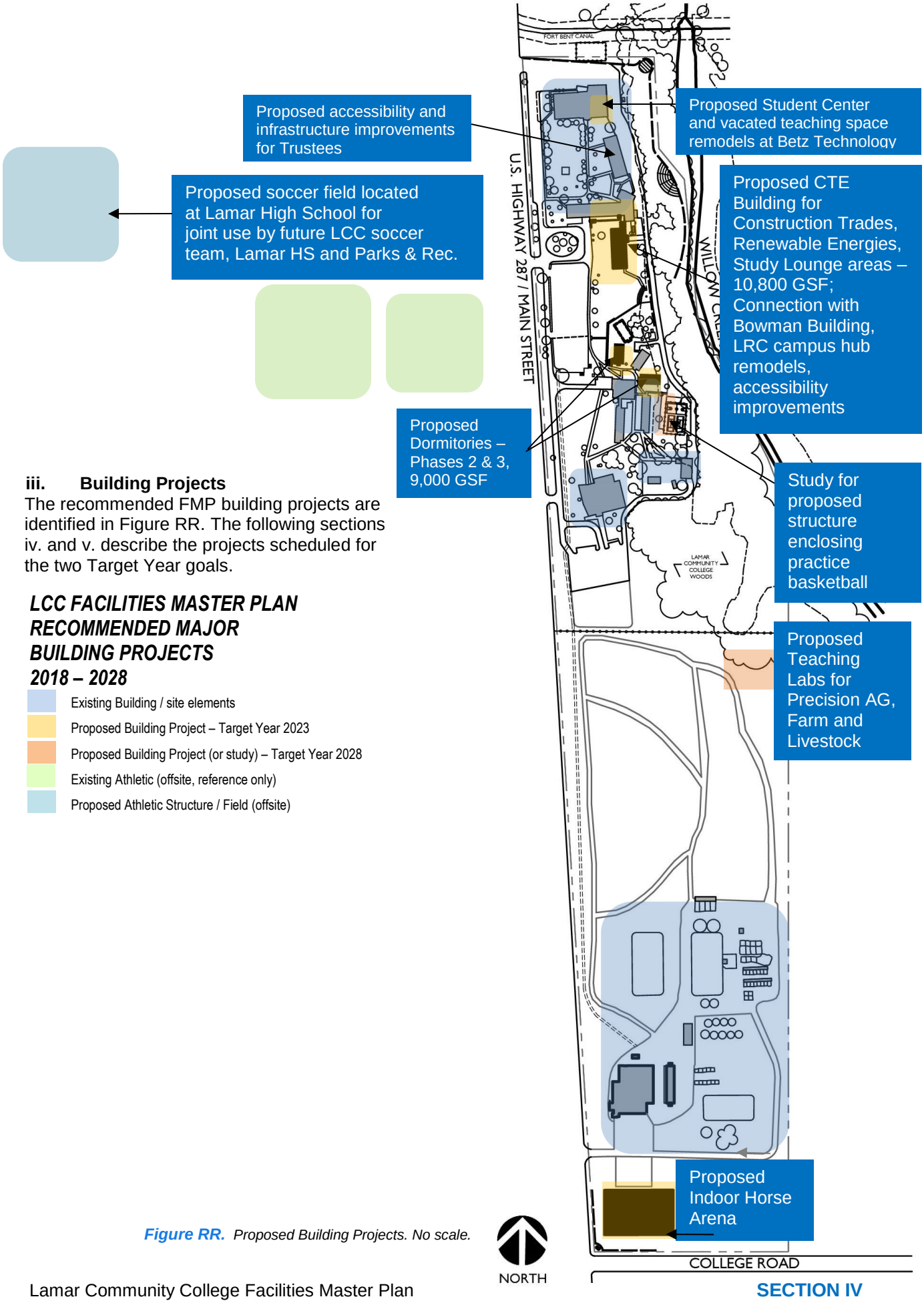
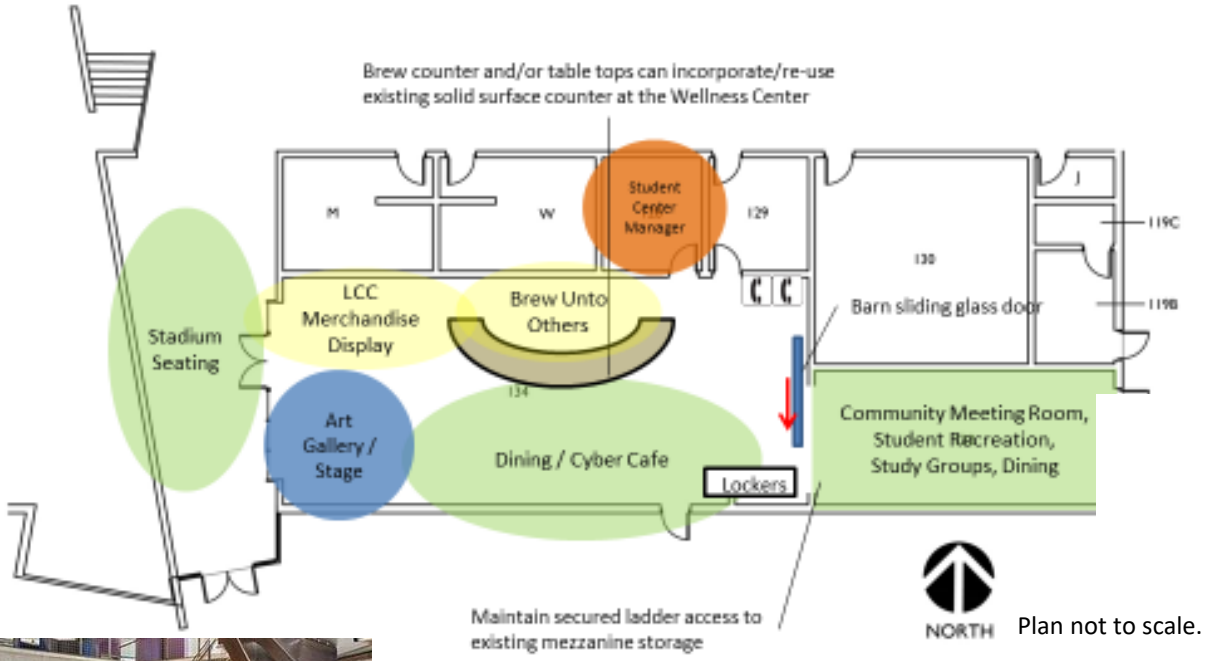


Figure RR. *Proposed Building Projects. No scale.*

iv. Building Projects – Short Term, Target Year 2023

Project 1 STUDENT CENTER
Level 1, Betz Technology Center
A remodel of the old 1,730 ASF Bookstore space transformed into a multi-use Student Union space, addressing need for student informal and study space.



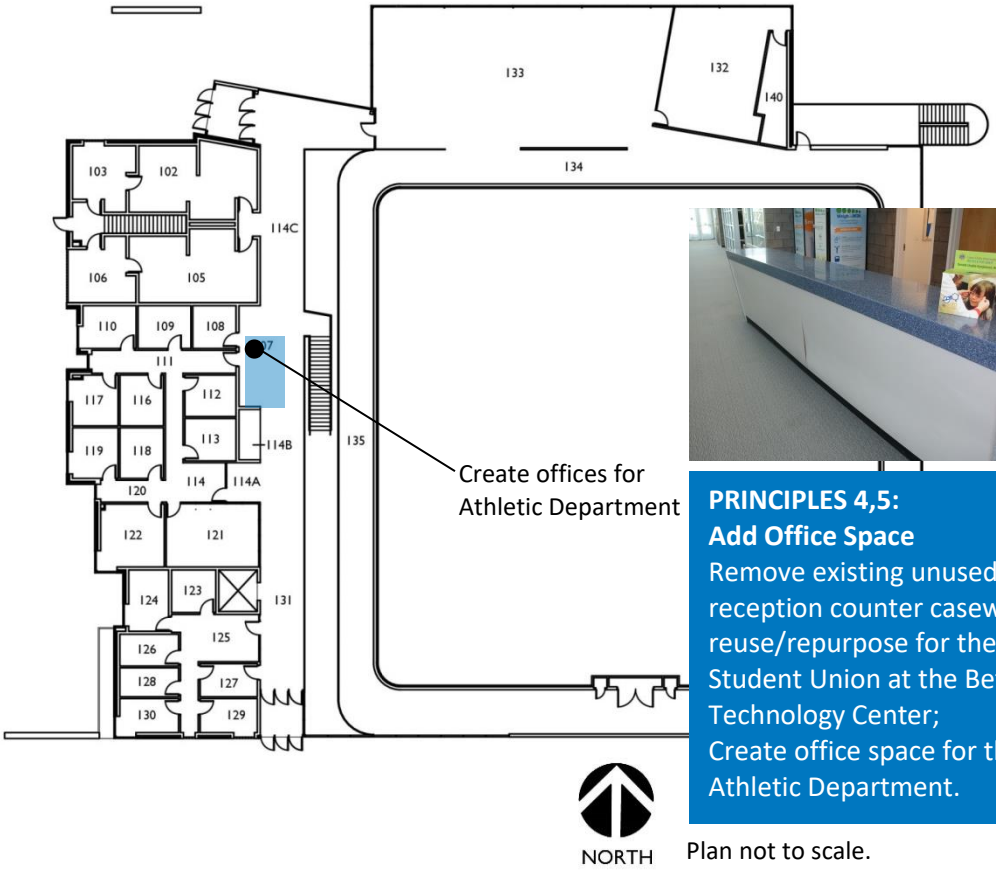
Plan not to scale.

Example of stadium style seating. Source:officesnapshots.com, design by Perkins & Will, photo by Casey Dunn.

PRINCIPLES 1,3,5,6,7 :
A new Student Center for LCC
Showcasing students for students, the new Student Center features lounge/dining seating, an art gallery/stage for performers and special presentations, Brew Unto Others coffee and homemade goods, soups, and paninis shop, small student-run LCC merchandise retail, and a separate recreation space / reserved meeting room / reserved study groups.

Project 2 ADD OFFICE SPACE

Level 2, Wellness Center

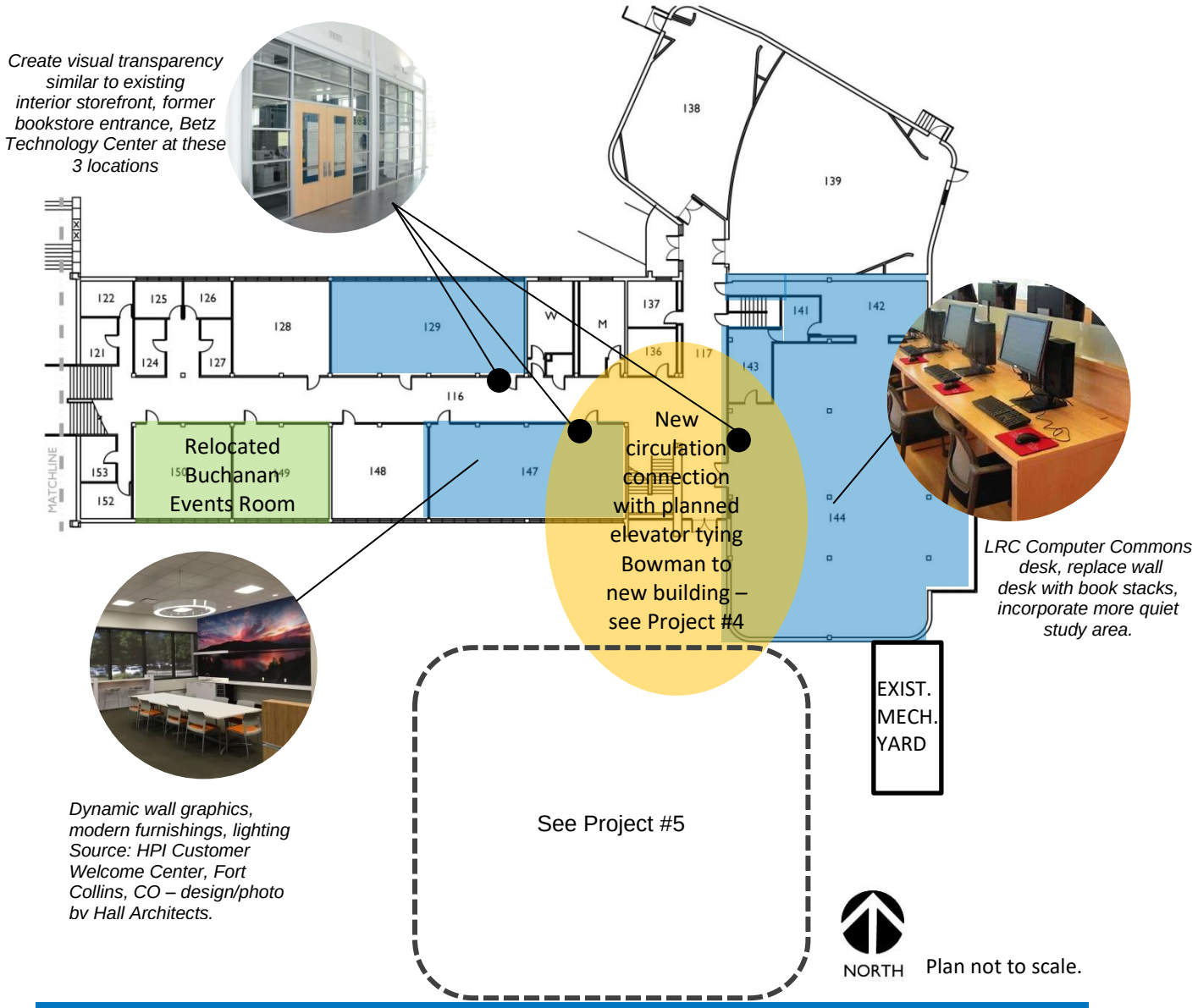


PRINCIPLES 4,5:
Add Office Space
Remove existing unused reception counter casework – reuse/repurpose for the proposed Student Union at the Betz Technology Center;
Create office space for the Athletic Department.

Plan not to scale.

Project 3 LRC REMODEL

Level 1, Bowman East

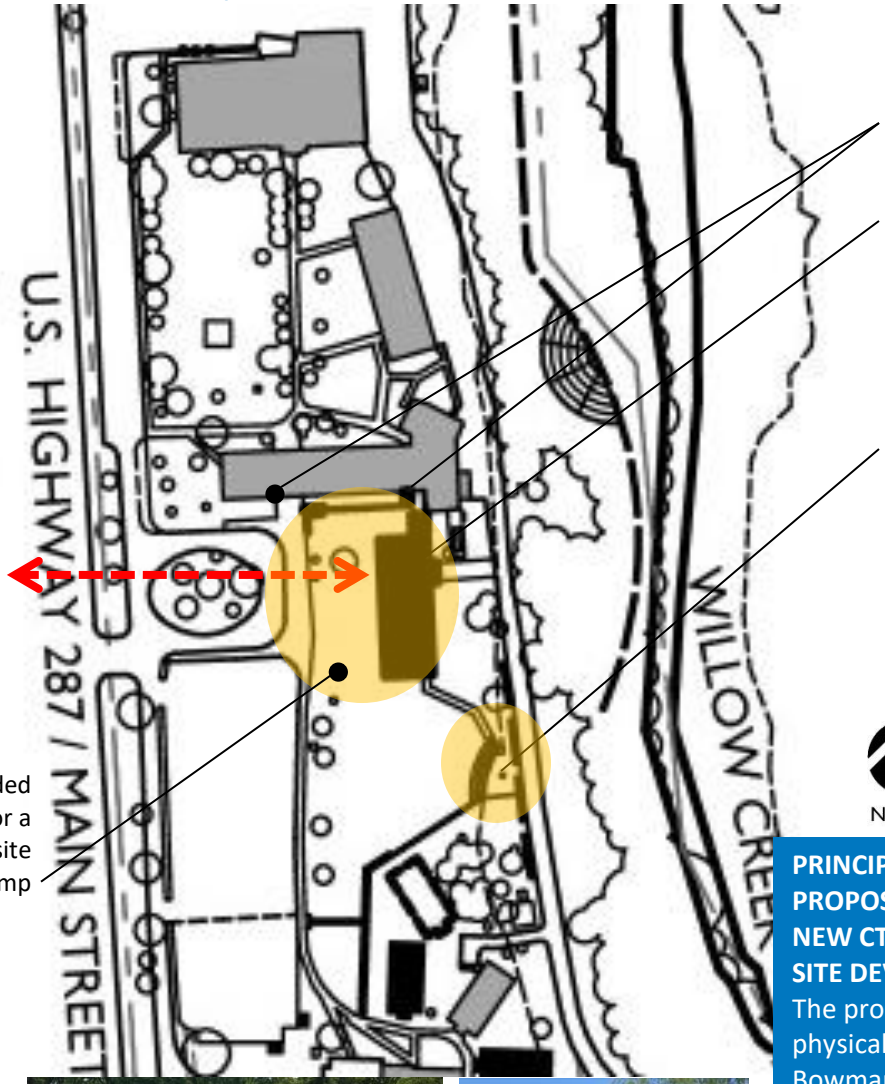


PRINCIPLES 1,2,3,5:

LRC as a physical campus hub, potentially connecting Bowman with the new, already funded CTE Academic Building, reinforces the Bowman Building as the campus welcome/main entrance with potential to develop main circulation connections including a new elevator/stair space as well as potentially re-locating student services.

1. "Open up" Rooms, 129, 144 and 147 with glass storefronts for visual / physical connection – employ new finishes, flexible furnishings, lighting, wall graphics to reinforce the LRC mission;
2. Relocate Buchanan Events Room from Trustees to Rooms 149, 150;

Project 4 SITE DEVELOPMENT AT BOWMAN BUILDING FOR NEW CTE BUILDING, ACCESSIBILITY IMPROVEMENTS



Recommended approximate locations for new elevators for Bowman West/East

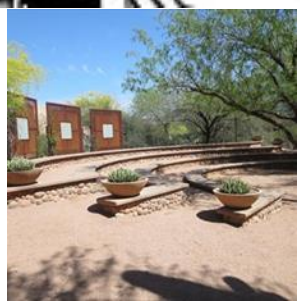
New CTE Building with new attractive metal canopy structure to connect with the Bowman Building and help visually reinforce the main entrance to the LCC Campus from Highway 287/Main Street

Study of new amphitheater connecting the student dorm area with the new CTE Building, directing attention to the LCC Woods

Recommended location for a combined site stair/ramp

NORTH

Plan not to scale.



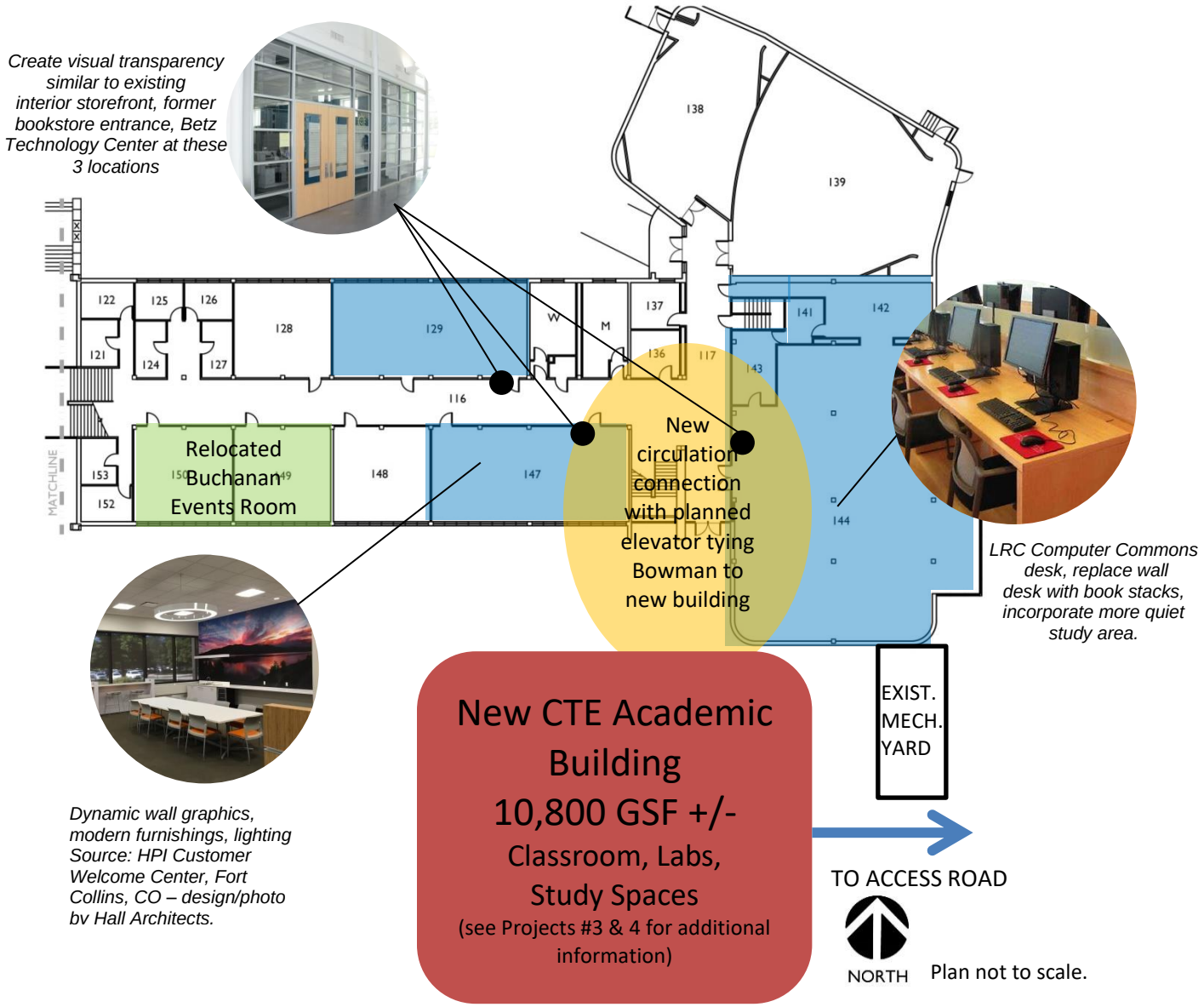
Examples of amphitheater seating. Sources: waymarking.com, Hall Architects.

PRINCIPLES 1,2,6,7 : PROPOSED LOCATION FOR THE NEW CTE BUILDING, ASSOCIATED SITE DEVELOPMENT

The proposed CTE Building site physically connects with the Bowman Building to its north and the residence halls to its south via a canopy structure, a site-oriented amphitheater and the all-important view corridor from Highway 287. It establishes the "front door" of the LCC Campus at this site access point. The high bay building's finish floor will be lowered 5 feet from the parking level. A combined site ramp/stair will be planned to lend formality to the buildings' entrance. It has the potential to bridge public community spaces and develop campus experience continuity.

Project 5 CTE BUILDING

Level 1, Bowman East



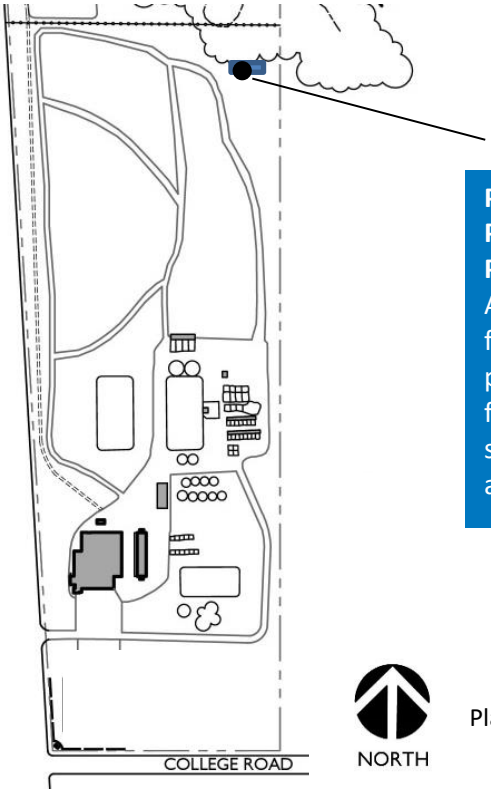
PRINCIPLES 1,2,3,5:

LRC as a physical campus hub, connecting Bowman with the new, already funded CTE Academic Building, reinforces the Bowman Building as the campus welcome/main entrance with potential to develop main circulation connections including a new elevator/stair space as well as potentially re-locating student services.

1. "Open up" Rooms, 129, 144 and 147 with glass storefronts for visual / physical connection – employ new finishes, flexible furnishings, lighting, wall graphics to reinforce the LRC mission;
2. Relocate Buchanan Events Room from Trustees to Rooms 149, 150;
3. New Career Technical Education Building location benefits from direct connection to east access road for material and equipment deliveries, with direct connection to Bowman academic spaces, LRC resources as well as dorms.

Project 6 AG BUILDING – PHASE 1

South Campus site



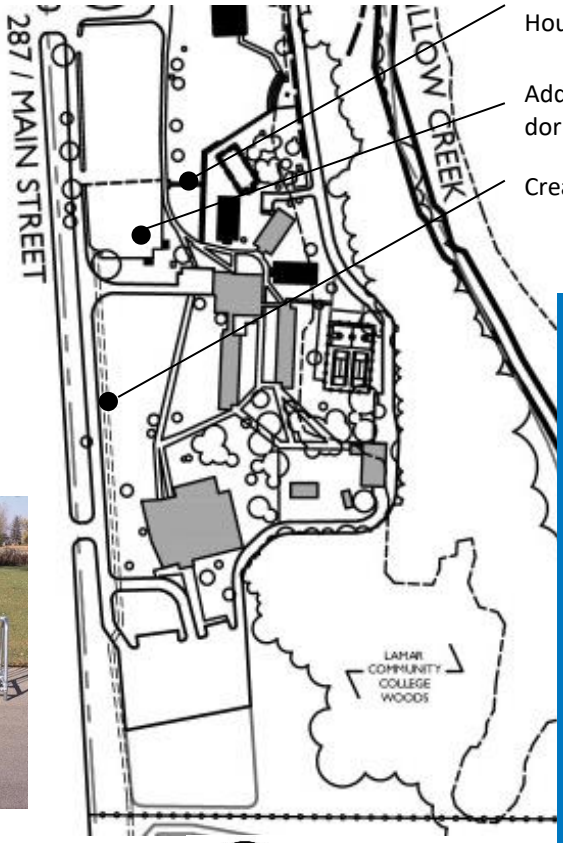
Shed structure for Precision AG

PRINCIPLES 1,2,5,6:
Precision AG Farm Complex – Phase 1
Add 10’ x 40’ shed structure for initial set up of developing program. Create program plan for future program structures and site development including an access road and parking.

Plan not to scale.

Project 7 NEW PARKING, BIKE/WALK TRAIL,VARIOUS SITE IMPROVEMENTS

North Campus Site Plan



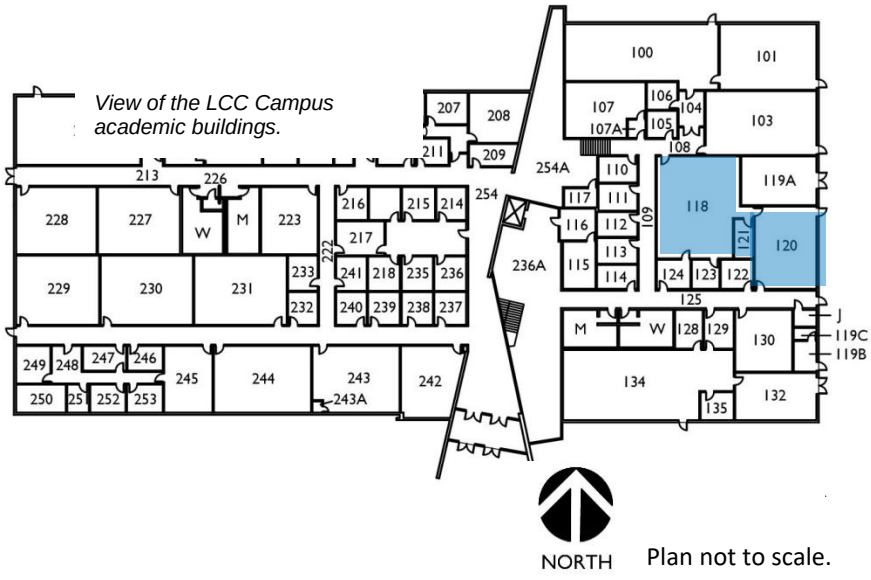
Plan not to scale.

Locate bike racks at proposed bike/walk paths.

PRINCIPLES 1,6:
Add Parking, Bike/Walk Trail
With projected enrollments increasing at both Target 1 and Target 2 horizons, providing parking for added campus populations will be critical during the Master plan period.
The Bike / Walk trail, originating at the new parking lot, and ending at the Equine Complex, provides healthy alternative on-campus recreation for students and the LCC community. LCC will consult with City of Lamar's Main Street program.

Project 8 NURSING & ALLIED HEALTH REMODELS

Level 1, Betz Technology Center

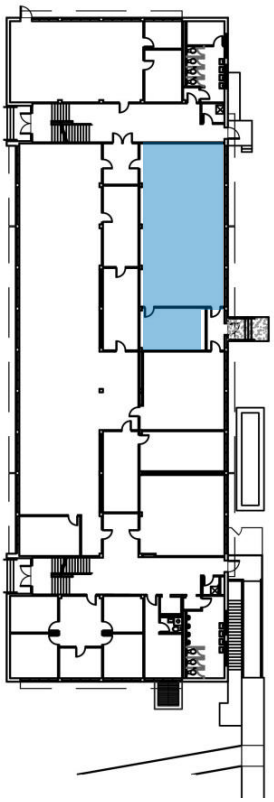


Plan not to scale.

PRINCIPLES 1,2,3,4,5 :
Moving Nursing & Allied Health into vacated CTE program space
Rooms 118, 120 and 121 teaching spaces can be remodeled for classroom and teaching lab spaces for Nursing and Allied Health. Offices 123 and 124 can be assigned to these departments as needed.

Project 9 EMPLOYEE COLLABORATION SPACE

Level 1, Trustees Building

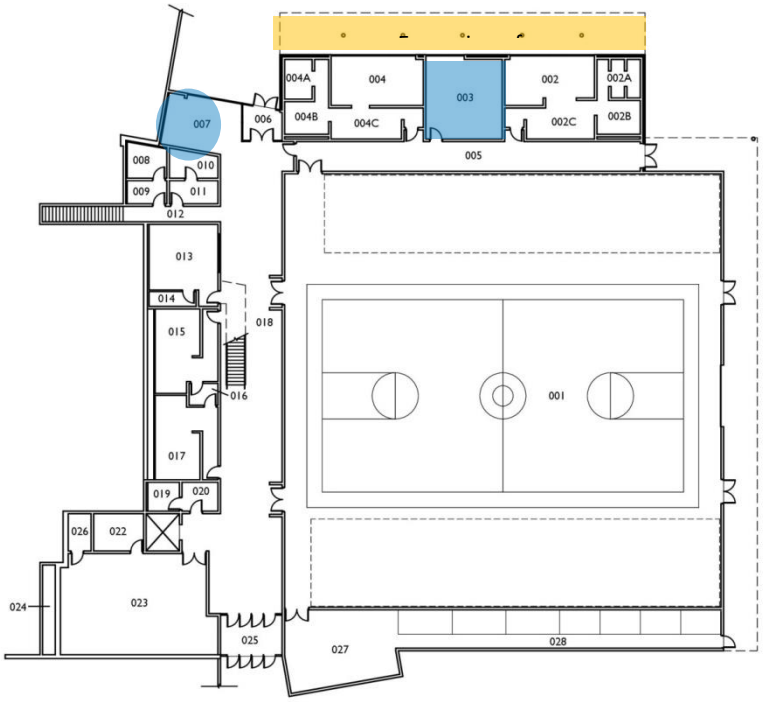


NORTH Plan not to scale.

PRINCIPLES 4 ,5:
Employee Collaboration Space
Convert Buchanan Events Rooms 121, 122 into a large Employee informal work and lounge area for informal meeting space with faculty groups, faculty /students and camaraderie with flexible furnishings, partition systems; Consider a separate accessible entrance to this room with glass for creek views and light.

Project 10 TRAINING ROOM ADDITION

Level 1, Wellness Center

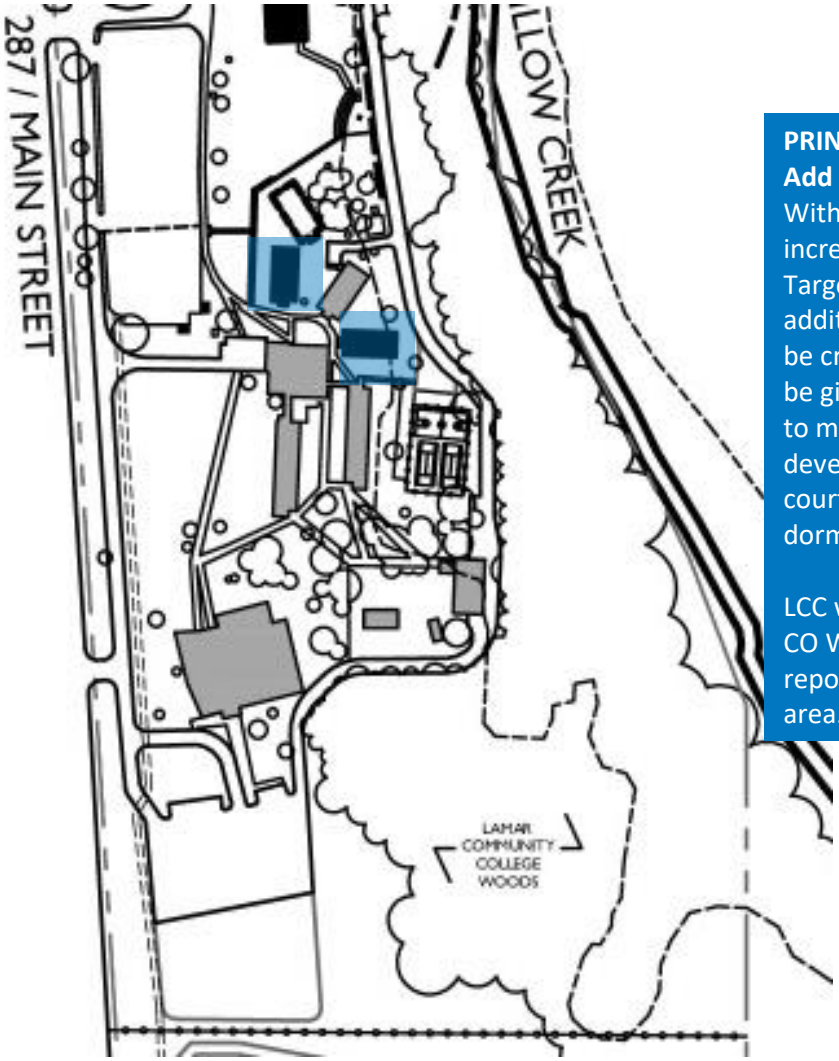


PRINCIPLES 1,3,4,5:
Expand Training Room space, provide informal student study lounge
Provide approximately 500 ASF additional space to Training Room 003 to meet industry guidelines and improve teaching space; Provide informal student study lounge in existing lounge area 007.

NORTH Plan not to scale.

Project 11 ADD PHASE 2, PHASE 3 UNITS

Prowers House development

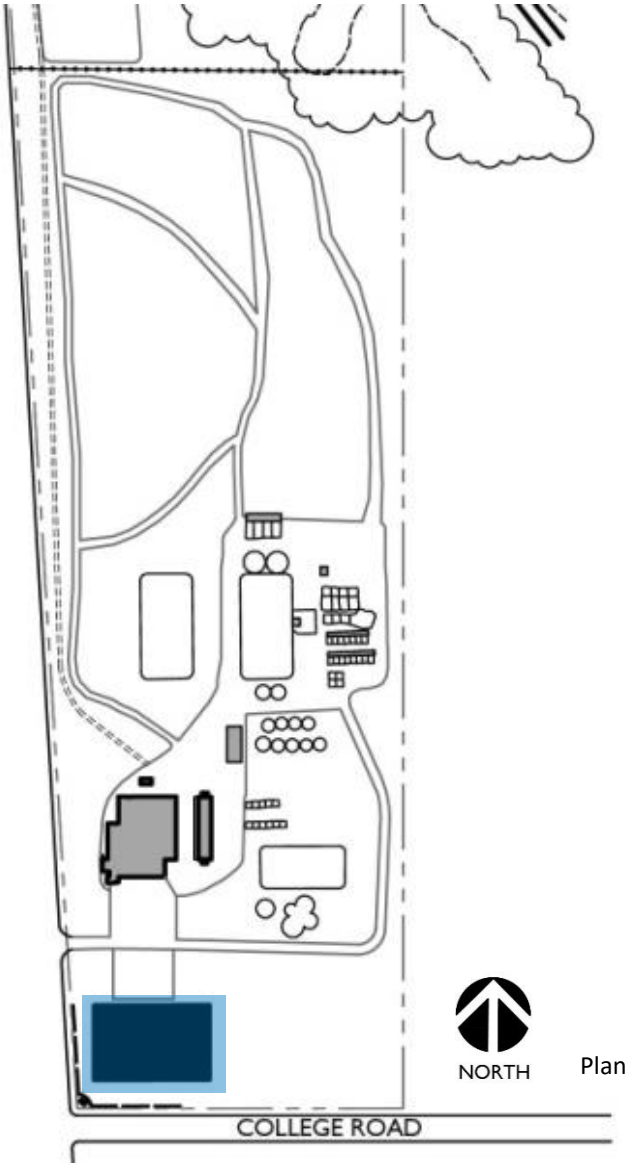


PRINCIPLES 1,2:
Add Housing
With projected enrollments increasing at both Target and Target 2 horizons, providing additional on-campus housing will be critical. Consideration should be given to a possible fourth unit to meet growth needs. Consider developing a community-minded courtyard space around new dorm buildings.

LCC will need to review updated CO Water Conservation Board report on impact to floodplain area.

Project 12 ADDITIONAL HTM INDOOR ARENA

Equine Complex

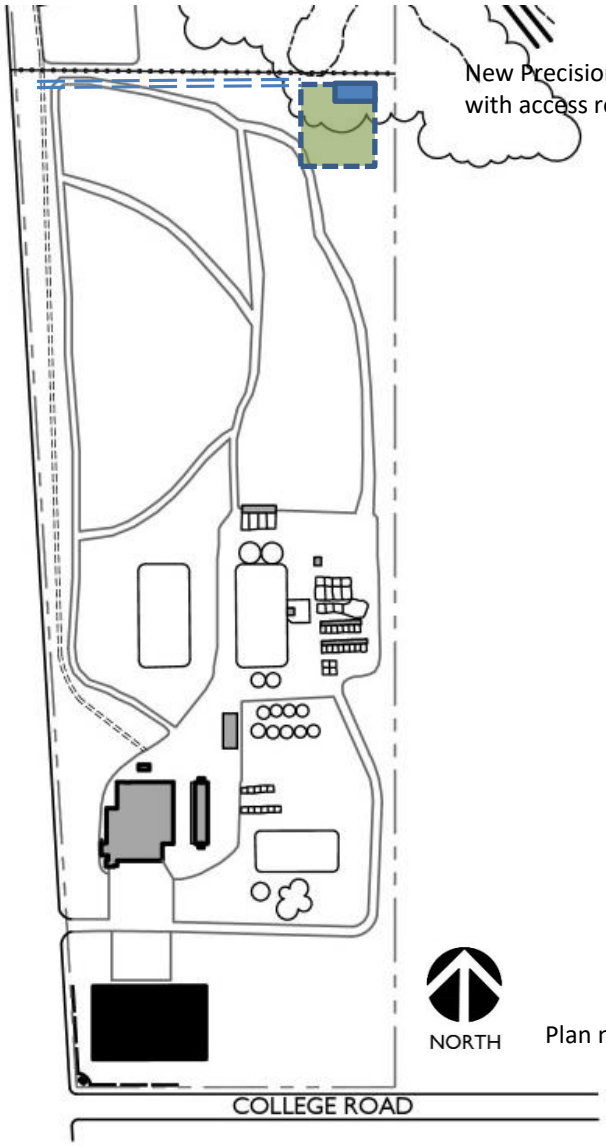


Plan not to scale.

PRINCIPLES 1,5:
Add Indoor Arena with horse stalls, parking
Adding a new indoor arena , 25,000 ASF addresses serious present concerns for the scheduling and safety of the present Indoor Arena due to the limitation of the arena width and length. The physical structure for the new indoor arena will allow for a roof span to meet the minimum width criteria (approximately 175 feet), as well as allow adapting to a future larger arena size desired by the HTM program.

v. Building Projects – Long Term, Target Year 2028

Project 13 NEW PRECISION AG COMPLEX – Phase 2
Site Development, northeast of the South Campus area



PRINCIPLES 1,2,5,6 :
Precision AG Farm Complex – Phase 2
Develop site to add farm area, livestock storage pens, ancillary structures, and parking. An access road north of the horse trails will allow traffic to stay on campus.

Project 14 TRUSTEES BUILDING RENOVATION – TWO PHASES

Based on the physical condition of the Trustees as was documented and confirmed on an independent facility audit and given the findings of this FMP in the need for improved academic space in the Science Labs and Cosmetology, the college has requested funds for significant Capital Construction improvements and upgrade to the Trustees Building. It is the desire of the College to incorporate as much of the findings of this Facilities Master Plan into this Capital Construction Project with respect to the needs of the Trustees Building. The priority for this project first is to define the project scope as a first phase project, including programmatic needs. The second phase will occur after program approval with the development of the design and construction.

Project 15 BOWMAN CLASSROOM (EAST) BUILDING RENOVATION

Based on the physical condition of the Bowman East Building as was documented and confirmed on an independent facility audit and given the findings of this FMP in the need for improved student support space, the college has requested funds for significant Capital Construction improvements and upgrade to the Bowman East Building. It is the desire of the College to incorporate as much of the findings of this Facilities Master Plan into this Capital Construction Project with respect to the needs of the Bowman East Building. The priority for this project is to first define the project scope. Included in this development are accessibility improvements.

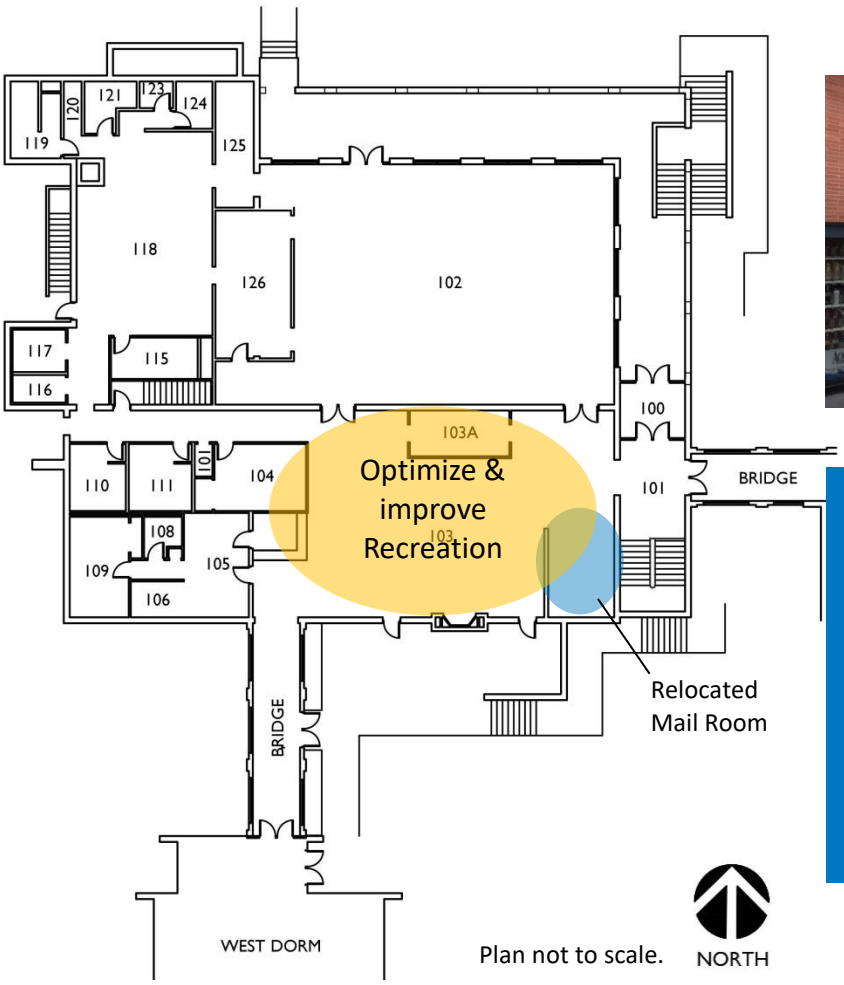
Project 16 BOWMAN ADMINISTRATION (WEST) BUILDING RENOVATION

Based on the physical condition of the Bowman East Building as was documented and confirmed on an independent facility audit and given the findings of this FMP in the need for improved student support space, the college has requested funds for significant Capital Construction improvements and upgrade to the Bowman East Building. It is the desire of the College to incorporate as much of the findings of this Facilities Master Plan into this Capital Construction Project with respect to the needs of the Bowman East Building. The priority for this project is to define the project scope. Included in this development are accessibility improvements.

Project 17 VARIOUS REMODELS

Level 1, Kelley Union Cafeteria

Remodels to improve and open up recreation space for housing students. Freshen communal spaces (dining, study space, corridors) with green walls, better lighting, mobile demonstration kitchen or cooking space.

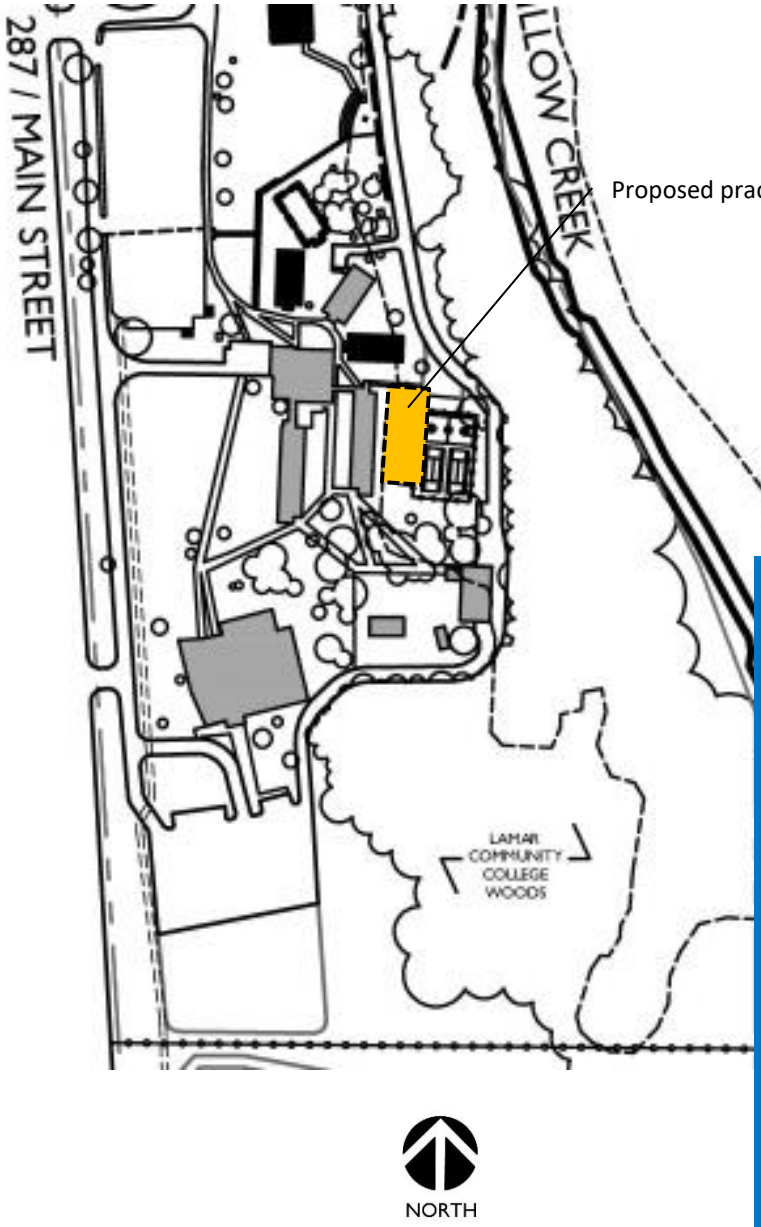


PRINCIPLES 1,6:
Improve Recreation Space/
Add features, create community
Relocate the Mail Room to permit more space for the existing recreation room;
Add green walls to refresh existing communal spaces;
Consider area to develop demonstration kitchen for students.

Ideas for creating and refreshing community spaces: Demonstration kitchen (Left and center), sources: www.bostonglobe.com and news.miami.edu (University of Miami); green walls (right), source: www.naava.io/.

Project 18 FEASIBILITY STUDY FOR PRACTICE GYM

Todd-Burch Residence Hall site development



PRINCIPLES 1,2:
Feasibility study to site Practice Gym

The current Wellness Center gymnasium is highly utilized throughout the day, affording little time for valuable practice sessions for individual sports. Athletes utilize the city's community gymnasium for this purpose. The plan is to study siting a practice gym east of the Todd Burch, where there are currently an outdoor basketball court and underutilized tennis courts.

LCC will need to review updated CO Water Conservation Board report on impact to floodplain area, as this area is in Floodplain AE without Base Flood elevations.

IV.D. CAMPUS PLANS TO CONTINUE OR RENEW AESTHETIC CONSIDERATIONS, ENERGY PERFORMANCE DISCUSSION

Aesthetics Narrative
Plans for the new buildings recommended under the Facilities Master Plan will involve careful consideration of and coordination with site location particularly concerning topography and proximity to floodplain, utility infrastructure, established vegetation, and existing buildings. Coordination with the existing architecture, its material and color selections, its massing and detailing are also important considerations to new building design in establishing a cohesive campus aesthetic.

Energy Performance
The State of Colorado requires all new building construction or substantial renovation of existing buildings to adhere to the High Performance Certification Program (HPCP). The proposed new CTE Building will be required to follow the requirements of a state-approved environmental performance-tracking standard. Most likely, the standard used will be either LEED BD+C with the goal of working to achieve at minimum Gold Certification, or the Green Globes guideline with the goal of working to achieve 3 globes. There are additional standards in existence that may be considered for meeting the State's HPCP requirements, however these would require special approval by OSA, as LEED and Green Globes are the only two programs explicitly listed as acceptable under the HPCP Policy for higher education projects.

The following narrative is being included as a discussion on LEED project development for the Campus' use in pursuing certification. As Lamar Community College anticipates a building addition and/or remodel work, the Campus must consider, among other issues, energy consumption reduction, construction methodologies, and managing building waste.

Costs Associated with LEED Projects
Per Section 24-30-1305.5 C.R.S. (Colorado Revised Statutes)*, Executive Directors of all state agencies and departments are directed to manage future new building construction and renovation projects within the LEED (Leadership in Energy and Environmental Design) rating system with the goal of achieving a minimum LEED rating of "Gold" when feasible. The intent of this directive is for all future projects to pursue an official LEED Certification whenever it is "applicable and practicable" and is "deemed cost-effective". In order for the LEED Certification process to be considered cost-effective as part of a college construction project, it is most helpful for the institution to be aware of and anticipate the additional explicit costs in advance. It is also important that in budgeting these costs, that the institution is aware that the additional costs involved with pursuing LEED certification are typically recouped many times over through the general savings that go along with the design of a sustainable and energy-efficient building.

* Source: www.colorado.gov/pacific/osa/energy

Although there is the potential for many sustainable building materials and systems to have a higher initial cost than non-sustainable building components, pursuing a LEED-Certified Project will invariably involve two certain costs that should always be budgeted:

1. Additional processing fees during the design and construction phases of the project. The LEED process involves the submittal of a substantial amount of documentation in order to confirm qualification for various sustainable design credits. These may involve written statements/reports from the

architect, engineer, or contractor, material invoices, testing data, building maintenance and operation strategies, etc. Processing this paperwork for submittal to the USGBC for review is typically outside of the architect's normal scope of work, and requires additional compensation for the time to do so. Alternatively, it is also very common for the architect or owner to engage a specialized sustainability consultant to perform this work exclusively. In either case, the LEED Certification program requires that all paperwork be processed and submitted by a LEED-Accredited Professional (LEED-AP), and this documentation time should be incorporated into a project budget.

2. The commissioning process required on all LEED projects requires that the Owner engage commissioning agents to periodically evaluate the building system performance both at initial construction and at set review times during the life of the building. The commissioning portion of the LEED Program provides verification that the building is not only performing properly with respect to its designed sustainability goals, but that the building is properly operated and maintained during its lifespan. Commissioning agents require additional fees that must be incorporated into a project budget, however the owner must keep in mind that commissioning is an important part of the LEED process in that it ensures that greater cost savings to the owner as a result of energy-efficiency are maintained.

There are different types of LEED Certification depending on the project type, however the two that will apply most often to Higher Education projects will be "LEED-BD&C" for New Building Construction, and "LEED-O&M" (operations and maintenance) or ID&C (interior design and construction) for Existing Building Renovations. New building construction frequently stands to gain much from engaging in the LEED Certification process. As long as the new building project is not too small in scale, and if additional design costs concerning LEED certification are taken into account early on in the budgeting process, new building construction projects pursuing LEED are generally proven to be cost-effective. Pursuing LEED-O&M or LEED ID&C certification can likewise be proven cost-effective, if it is incorporated into not only periodic audits of existing facilities for renovation work, but into everyday operation and maintenance programs for existing buildings.

There are five main categories of qualities that a project must possess in order to achieve LEED Certification. These categories include several different strategies that may or may not be judged appropriate for a particular project, but in order to achieve full certification a project must satisfy at the very least some requirements from each category. What follows is a very condensed summary of the types of design elements that are taken into consideration in the evaluation of a LEED project.

Location and Transportation
This category addresses the incorporation of alternative transportation methods. Access to quality transit, the provision of bicycle facilities, and reduced parking footprints are some of the strategies available.

Sustainable Sites
This category should be closely examined in deciding on the acquisition of new land for the expansion of an existing campus or the creation of a new campus. Various points under this heading involve preservation of the existing site, storm water management, landscape design, site lighting, white roofs, and pollution control. The overall intention of this category is to ensure that a site is only improved environmentally as a result of building construction.

Water Efficiency
This category is simply intended to reduce water consumption, which has direct savings implications to the Owner. Strategies under this category include use of water-efficient fixtures such as low-flow toilets, and on-site recycling or re-use of waste water (a.k.a. “gray water systems”).

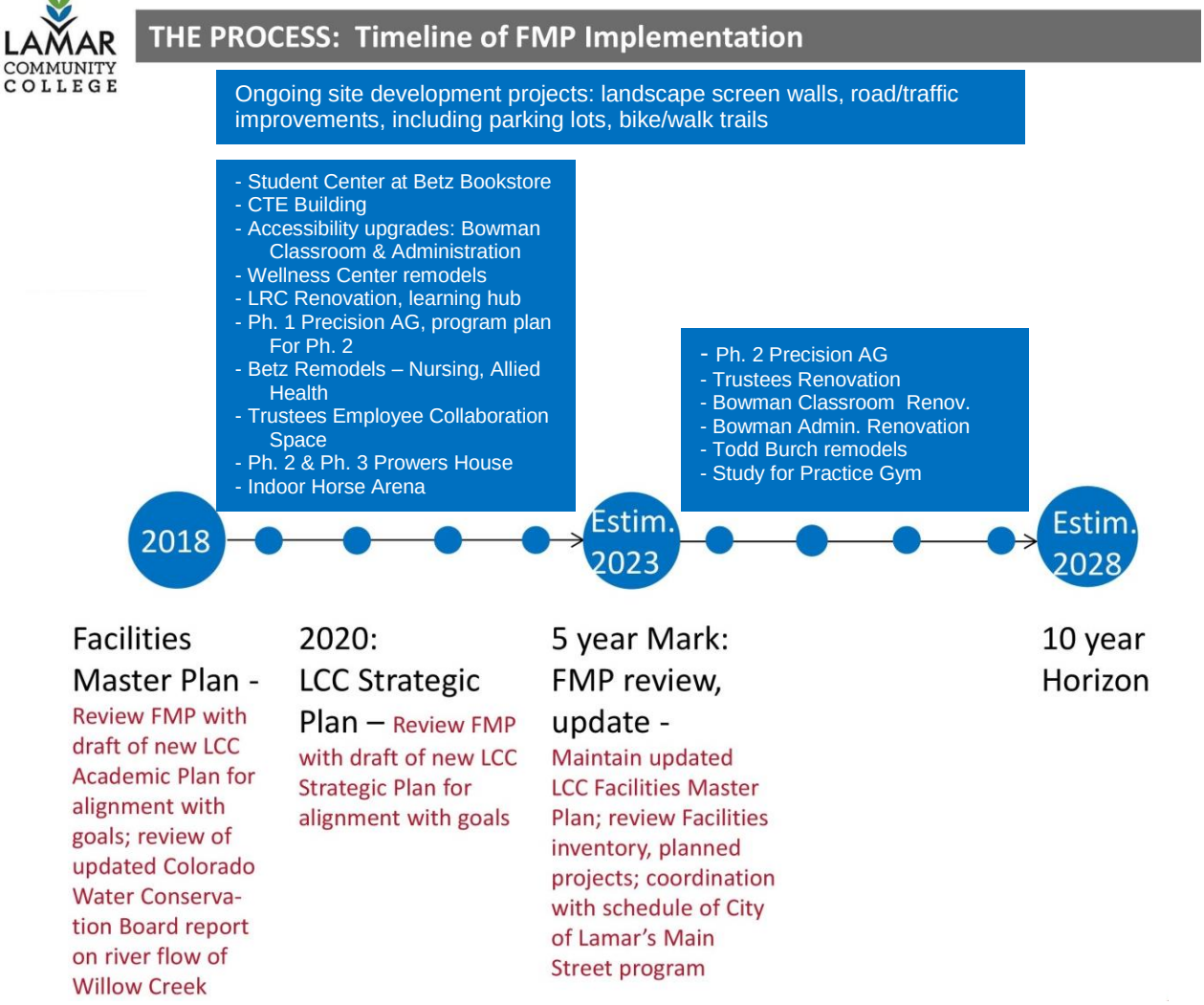
Energy and Atmosphere
This category focuses on reducing energy consumption by a building, which also has very significant direct savings implications to the Owner over the life of the building. This category is the main reason for the Commissioning requirements of the LEED process, and includes special design attention is put into a building’s mechanical and electrical system. It also encourages the use of green renewable energy sources from either on or off site, such as for example rooftop photo-voltaic panels or an energy program set up with a local “wind-farm”.

Materials and Resources
The main intention of this category is to document that there is considerable effort being made both towards reducing landfill waste and acquiring building materials from environmentally friendly sources. Incorporation of recycled and local building materials is a large part of satisfying this category, and requires extensive documentation, especially on the part of the general contractor, who does the bulk of acquiring and disposing of building materials during a project.

Indoor Environmental Quality
This category involves close coordination with the building’s user groups. It ensures that building occupants are not exposed to any conditions that are adverse to their health or comfort. It includes interior lighting, temperature control, and the use of finish materials that do not emit any noxious fumes. It also includes additional measures for the contractor to take during construction to ensure a healthy indoor environment.

Innovation in Design
This sixth category does not incorporate any specific requirements, other than sustainable design elements incorporated into the project be new and innovative. A higher education institution with a Green Building Education Program would be in a uniquely advantageous position to contribute innovative design developed in a course curriculum by students and faculty into an actual construction project. Additionally, the architects and engineers can work towards developing innovation strategies.

IV.E. PROJECT IMPLEMENTATION PLAN



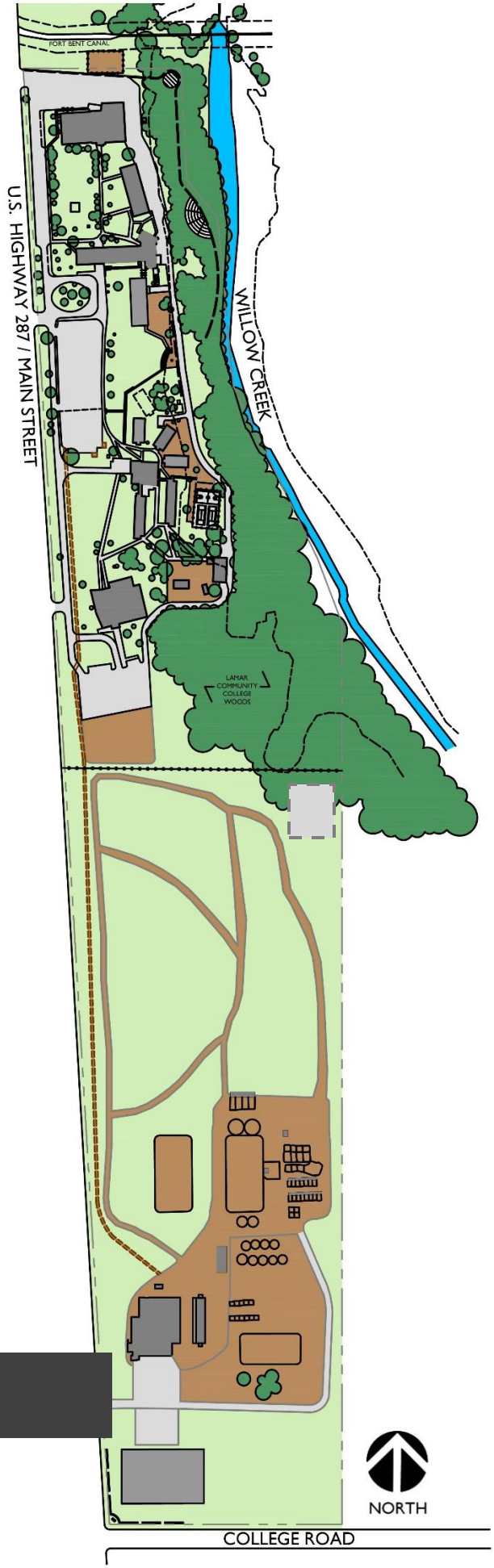
IV.F. FACILTIES CONSTRUCTION AND RENOVATION SCHEDULE

Scheduling priorities will be assigned to funded projects described in Sections IV.C. and IV.E, driven by the College's strategic and academic planning initiatives and campus enrollment projections.

IV.G. CRITERIA FOR UPDATING PLAN

Lamar Community College will undertake the task of reviewing this document on an annual basis to stay apprised of planning guidelines and policies that will impact planning decisions as academic needs are presented. The task group should review with the College's Academic and Strategic Plans and the CCCS Strategic Plan.

Upon approval by the State Board of Community Colleges of Occupational Education and the Colorado Department of Higher Education, the College will prepare program plans for the proposed projects and obtain appropriate approvals. If funding is not available for the fiscal year identified, the schedule for requests for funding will be adjusted.



SECTION V. APPENDICES

V. APPENDICES

V.A. FMP Surveys: Resident Students, Commuter Students, Faculty, Staff

V.B. Weblinks

V.C. High School Enrollment Trends Chart

V.D. Facilities Space Inventory – Hall Architects

V.E. Classroom Utilization Analysis by Room – Paulien & Associates

V.F. Classroom Utilization Guidelines – Paulien & Associates

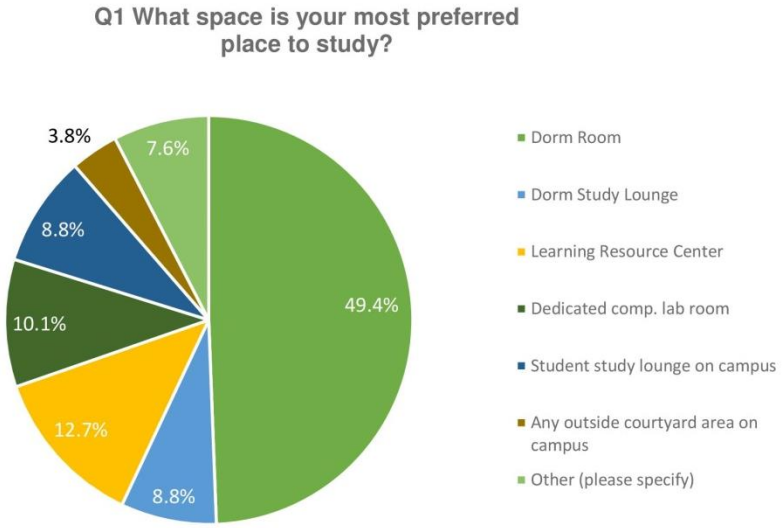
V.G. Laboratory Utilization Analysis by Room – Paulien & Associates

V.H. Laboratory Utilization Guidelines – Paulien & Associates

V.A. FMP SURVEYS

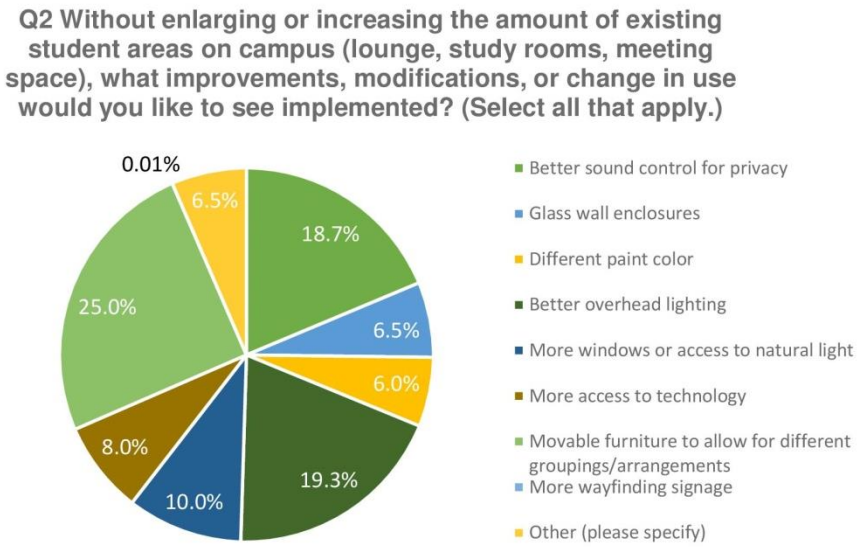
Hall Architects' note: Most written comments among responses received were transcribed in this report of the surveys. Some participants chose not to respond to all the questions.

Resident Student Surveys Results:



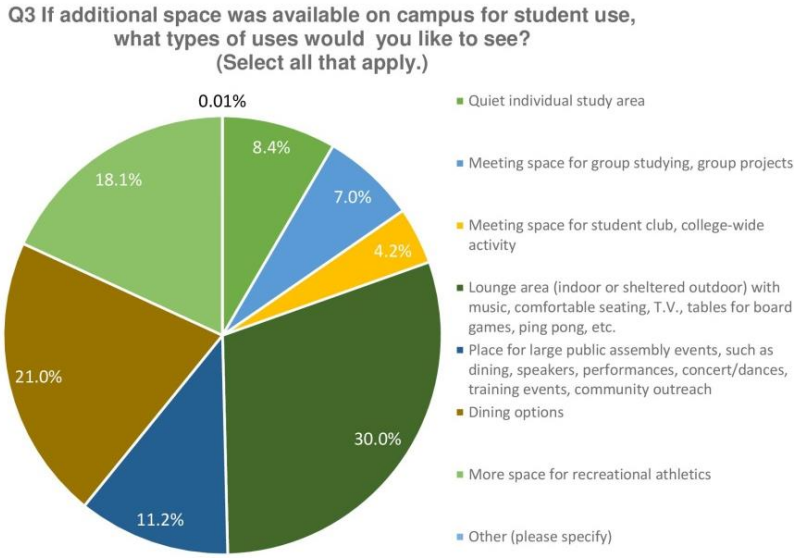
Write-in responses for Question 1 "Other" included the following:

1. "Innovate & Make Space"
2. "Library" (2 responded)
3. "The Brew"
4. "Brew Unto Us Coffee Shop"
5. "Classroom"



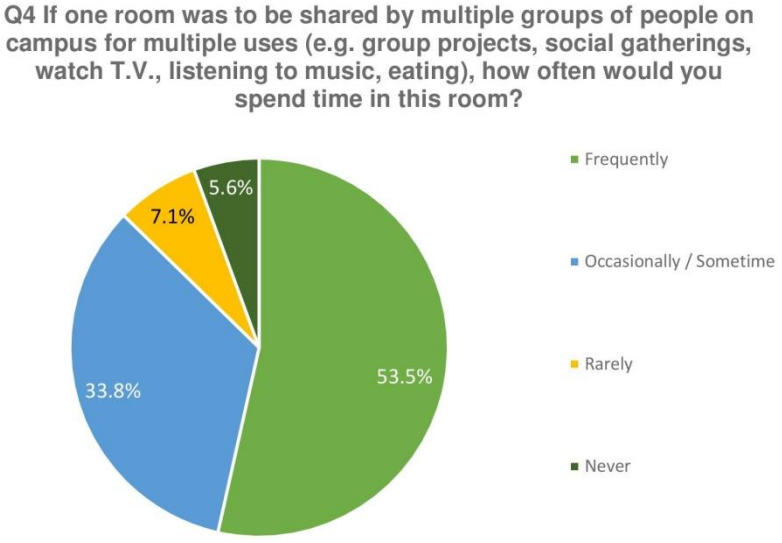
Write-in responses for Question 2 “Other” included the following:

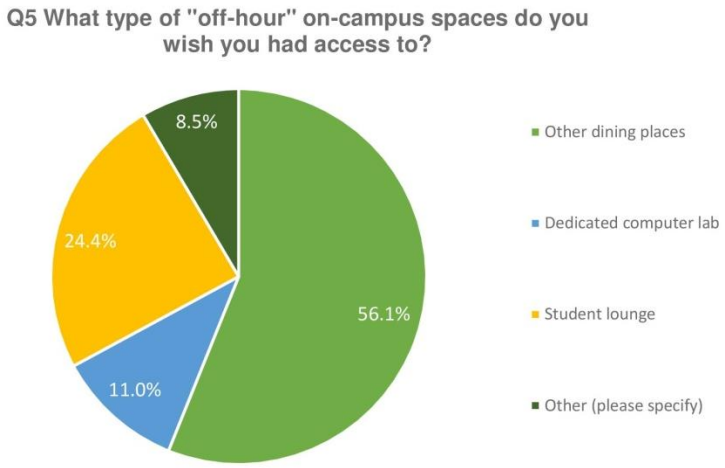
1. “More hot water”
2. “Better wifi” (6 responded)
3. “Making sure it (study areas) is really a quiet place”
4. “Wifi”



Write-in responses for Question 3 “Other” included the following:

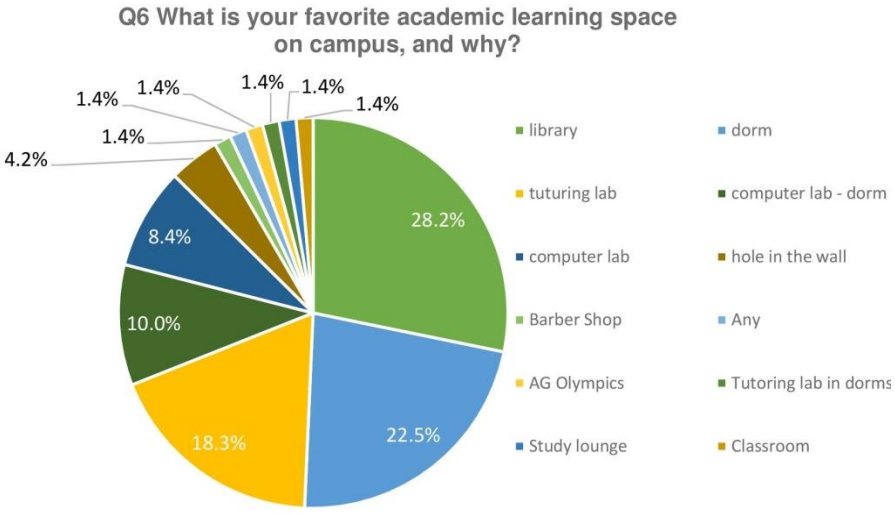
1. “Better accommodation”
2. “More dorms”





Write-in responses for Question 5 included the following:

1. “Weight Room”
2. “Lobby”
3. “Recreational Gym”
4. “Rec Center”



Write-in responses for Question 6 included the following:

1. “The library because it’s comfy and nice to be in.”
2. “I like the dorms”

3. “My dorm”

4. “Barber Shop, I am a barber”

5. “The library because it’s nice and quiet and lots of places to sit and get comfortable.”

6. “Lab in dorms”

7. “Tutoring lab, it's more calm”

8. “My room – I do what I want OR lab”

9. “Tutoring Lab, I get the help I want to be successful”

10. “Library because it has space”

11. “Probably the library because it is quiet and has good wifi”

12. “The library because it is quiet and a good place to study”

13. “My room because it's quiet”

14. “Hole in the Wall (Bowman 149)”

15. “Public speaking because it got me out of my comfort zone”

16. “The hole in the wall is my favorite place to study before a test”

17. “Any”

18. “My favorite place is the library. It has lots of spaces to hide so I can study quietly”

19. “Ag Olympics place to study on computers”

20. “A computer room in the dorms because it's quiet and you get a lot done.”

21. “The Ag club has the Ag Olympics where everyone of different cliques come together”

22. “(My) Room. Quiet”

23. “My room, it’s quiet and easy”

24. “Library because its peaceful.”

25. “My Room, because it's quiet.”

26. “Library because it offers a lot of resources”

27. “Computer lab, everyone goes there and we all just hang and get along”

28. “I like the library because it is noise controlled and a bigger space not feeling confined and too close to others.”

29. “Library, because there are books there.”

30. “Tutoring lab. Dorm room, it's quiet and you can receive help.”

31. “The tutoring lab, it is quiet and has a lot of space. I get a lot of my work done there.”

32. “My favorite would have to be the library”

33. “The library because it is always quiet and there are always people close by to help you.”

34. “My room”

35. “Library”

36. “The dorm room”

37. “Computer lab, because it has the fastest internet”

38. “The tutor lab. People who can assist in teaching things to me helped as much as they could.”

39. “Hole in Wall - easy to fit a lot of people”

40. “The classroom, because I can ask questions if needed.”

41. “Tutoring lab because of the accessible help”

42. “Learning Resource Center, tutors are there and it's quiet.”

43. “The library because it is quiet.”

44. “Computer lab. Because I'm focused and I'm actually doing my work.”

45. “My Room because I (can) be by myself”

46. “Math”

47. “The tutor lab because it's a quiet space and the tutors are willing to help you with anything.”

48. “My favorite is the tutor lab because it is a quiet, comfortable place to study and I can get help if I need.”

49. “The tutoring lab because they are very helpful and its quiet in there.”

50. “The tutoring lab. There is lots of help there.”

51. “My favorite academic learning space on campus would be the tutoring lab because I can get the help I need”

52. “(My) Room /Computer lab”

53. “(My) Room because no one would be able to bother me”

54. “Computer lab dorm”

55. “My room because it’s quiet and no one can bother me”

56. “The tutoring lab because I can work on homework and get help. There is always someone in there to help”

57. “The study lounge, it's quiet and everyone is there to help.”

58. “The dorm computer lab because I got classmates to help me that are (there)”

59. “My dorm room.”

60. “My room, because it's quiet and peaceful”

61. “My dorm room”

62. “Tutor lab in dorms”

63. “Computer lab, I feel like I can be focused and get my stuff done.”

64. “Library because it is comfortable and has a lot of computers”

65. “The computer lab in the dorms or the lobby”

66. “Computer study room in dorms”

67. “The library is nice because you're forced to be quiet and there is more space. The only thing the library needs is more outlets.”

68. “Library because it's always quiet”

Q7 Please provide any general comment or observation about existing dorm spaces, classrooms and/or other campus spaces.

Write-in responses to Question 7 included the following:

1. “They are very well held together”

2. “The dorms and classes both have space”

3. “They could be upgraded”

4. “The dorms need to be more flexible. Be able to move around performances”

5. “Have the options for bunk beds”

6. “The dorms are fine. The only problem is the space with the desk because it can't move”

7. “Dorms should be bigger”

8. “The classroom temps need to counter act the outside temp and we need a secluded space outside to think”

9. “More privacy”

10. “More privacy.”

11. “More privacy.”

12. “Needs improvement. Update”

13. Really old, AC barely works, broken laundry machines, no microwaves, pretty much needs a renovation”

14. “Better wifi and its good.”

15. “In terms of the dorms, we need better wifi connection”

16. “Wifi needs to improve”

17. “The dorms on campus need to be repainted with a white to make it brighter and added over head lighting. The lighting is sad and prison-like.”

18. “The lighting is usually depressing.”

19. “Bigger dorm rooms.”

20. “Better lighting in dorms and sound control in dorms for privacy and concentration”

21. “Prowers House is great.”

22. “There should be a regular classroom that could fit 50 students for tests.”

23. “Need updating, classrooms and dorm rooms look extremely old and plain; need new trim and better lighting in dorms.”

24. “The dorms …need to be redone I think. Maybe a better lounge like with more TVs or more entertainment.”

25. “The computer lab on campus is too loud, and distracting.”

26. “It’s okay but I think dorms should be better and dining (sic) area should look sense. The really big problem here is FOOD!!!”

27. “The dorm rooms are very spacious and have lots of room to make it your own but you can hear everything, from the room next to you to people talking outside.”

28. “I would like more space out of my room to hang out w/ friends”

29. “Better lighting in the computer lab”

30. “The places that are supposed to be quiet zones are not so quiet all the time.”

31. “I would love to see more to do in the lobby”

32. “Would like moveable furniture”

33. “Moveable furniture”

34. “It’s small but its aight, Better wifi”

35. “Movable furniture so we have space to rearrange things.”

36. “Dorm rooms should have moveable desks so the arrangement of the room can be moved more to make more space.”

37. “The dorms old and need more rooms or computers in dorm lab.”

38. “I wish the desks in my room were movable. It would open up the room a lot more.”

39. “I think that we need more places to hang out, and get together. More space and having movable furniture.”

40. “Wall too thin in dorm, A/C & heat don't work sometimes.”

41. “More light in computer room”

42. “No ping pong!!! More chairs, better pool sticks”

43. “The dorm room lights are horrible, I hate the color, classrooms are dull”

44. “Like the lobby area w/pool tables”

45. “The lounge area isn't kept as nice as before”

46. “More PODS need to be built for the Dorms they need to be updated Better wifi everywhere. Things need to be updated.”

47. “More dorm room space”

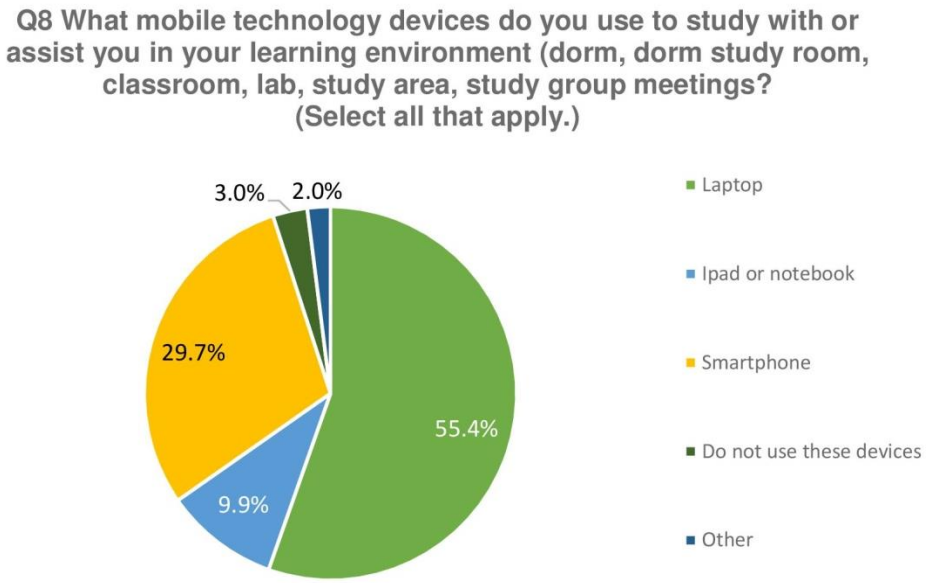
48. “Library”

49. I liked the library…or in my work studies office. I just felt comfortable.”

50. “Unmovable desks”

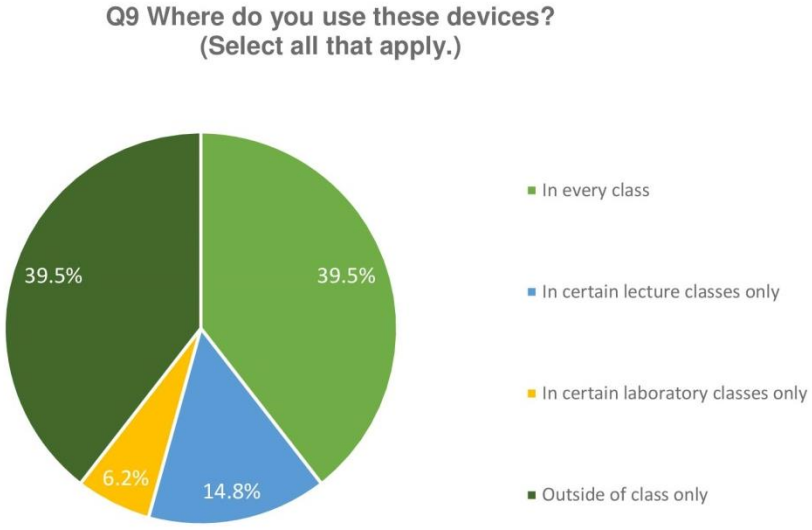
51. “Needs hot water”

52. “The bathrooms are awful”

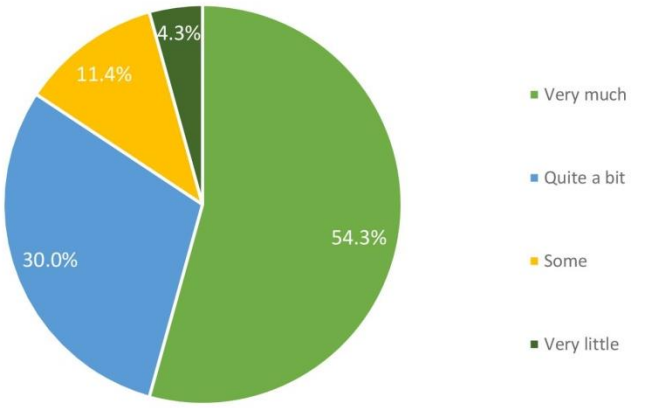


Write-in responses to Question 8 included the following:

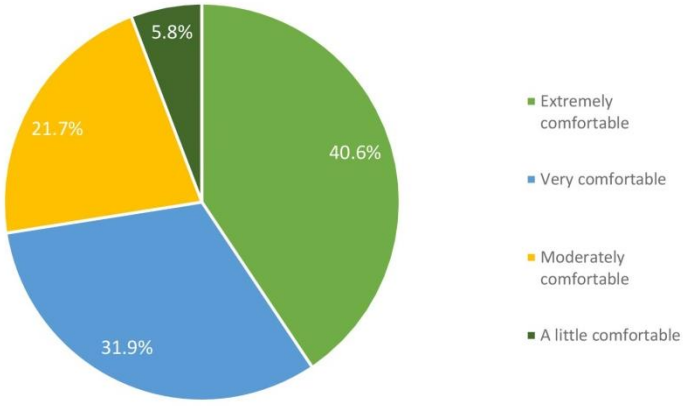
1. "Lab computers"



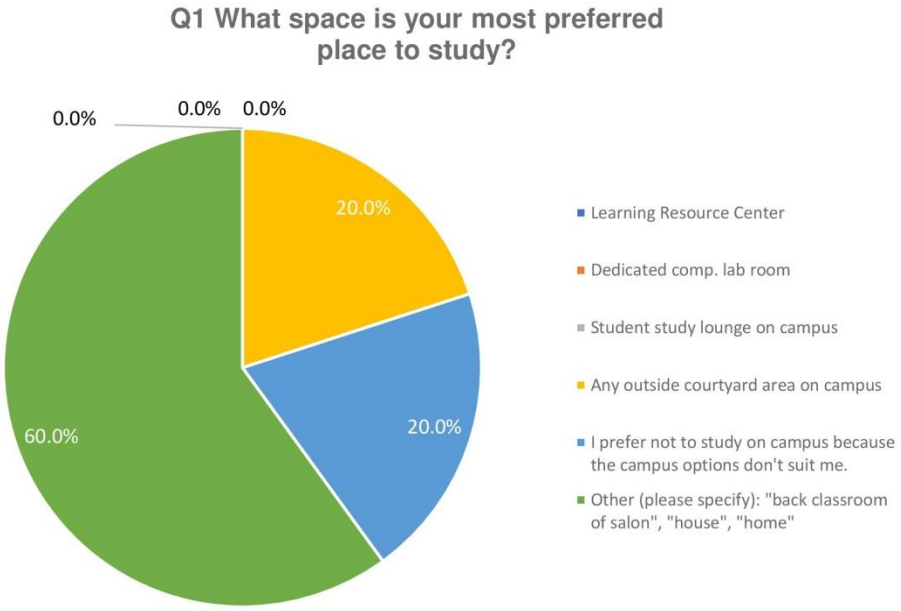
Q10 How much do you rely on these devices to meet your academic goals (e.g. improve grades, meet deadlines, retain information)?

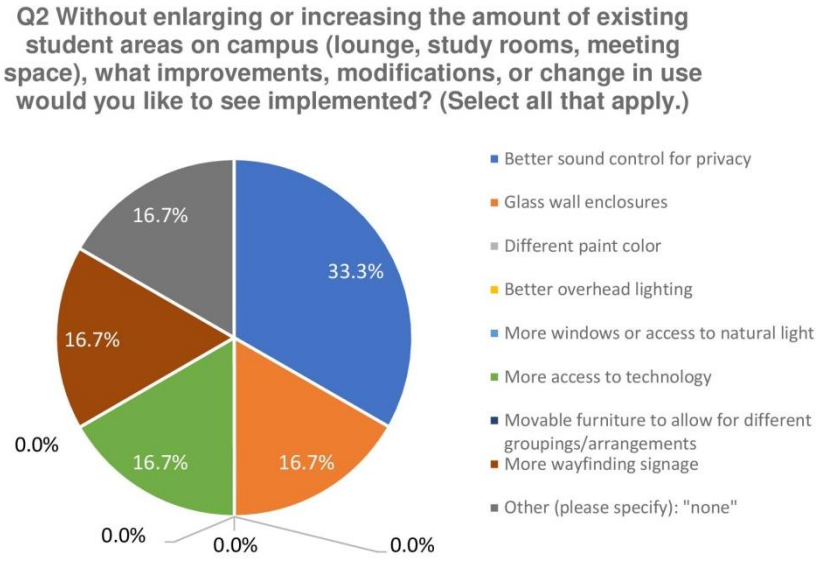


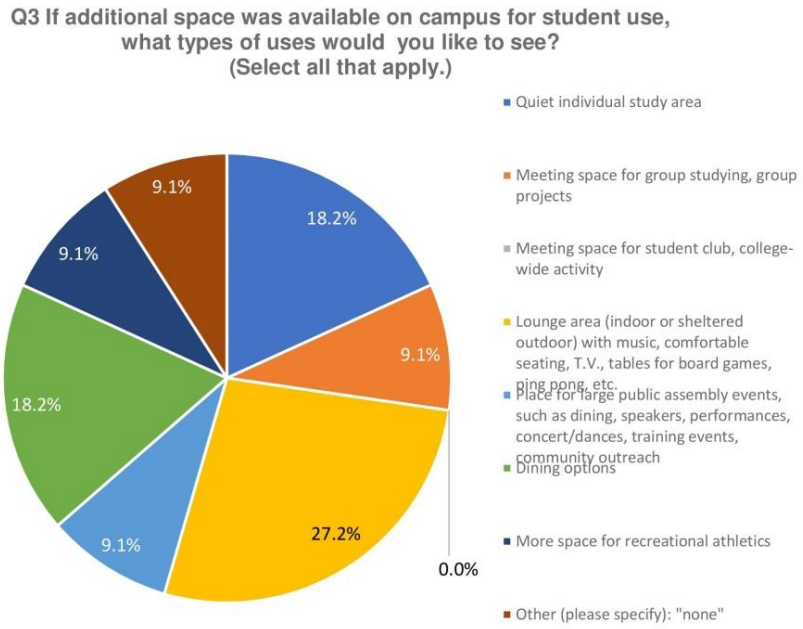
Q11 How comfortable are you with adapting to new technology?

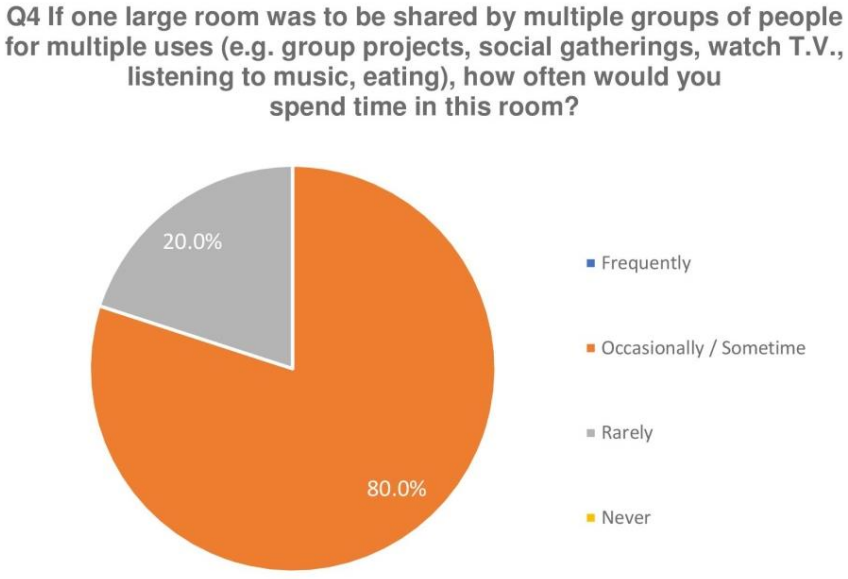


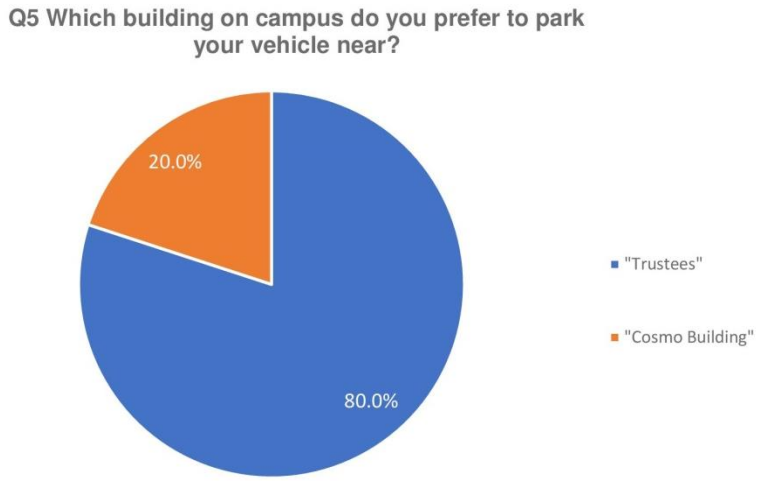
Commuter Student Surveys Results:

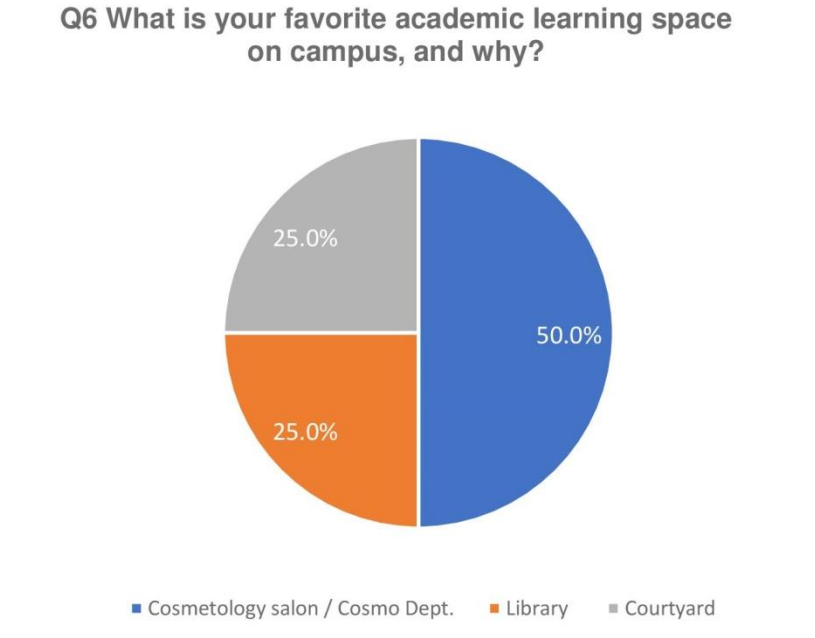





Q3 If additional space was available on campus for student use, what types of uses would you like to see? (Select all that apply.)
18.2%
9.1%
27.2%
0.0%
9.1%
18.2%
9.1%
9.1%
Quiet individual study area
Meeting space for group studying, group projects
Meeting space for student club, college-wide activity
Lounge area (indoor or sheltered outdoor) with music, comfortable seating, T.V., tables for board games, ping pong, etc.
Place for large public assembly events, such as dining, speakers, performances, concert/dances, training events, community outreach
Dining options
More space for recreational athletics
Other (please specify): "none"


Q4 If one large room was to be shared by multiple groups of people for multiple uses (e.g. group projects, social gatherings, watch T.V., listening to music, eating), how often would you spend time in this room?
20.0%
80.0%
Frequently
Occasionally / Sometime
Rarely
Never





Write-in responses for Question 6 “Other” included the following:

1. “Cosmetology salon, always has things going on”

2. “The Cosmo department because this is where I always am when I’m at the school.”

3. “Library or courtyard”

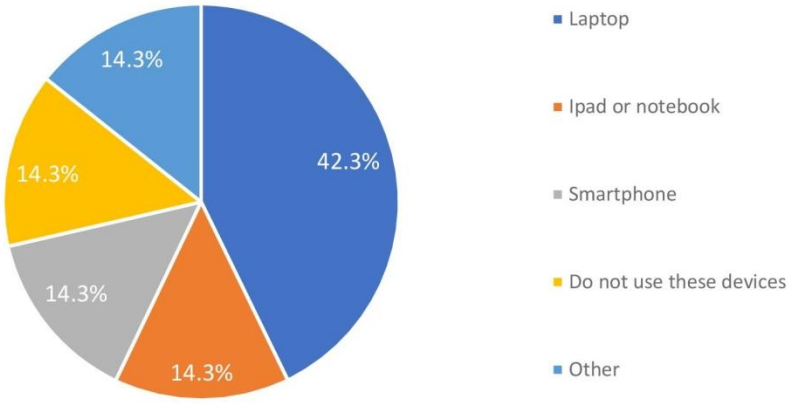
Q7 Please provide any general comment or observation about existing classrooms and/or other campus spaces.

Write-in responses for Question 7 “Other” included the following:

1. “Possibly better seating”

2. “The facial room could use some updating.”

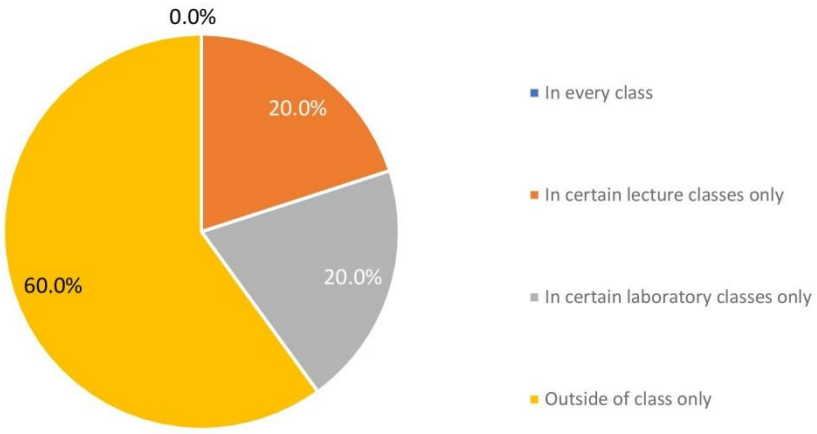
Q8 What mobile technology devices do you use to study with or assist you in your learning environment (classroom, lab, study area, study group meetings? (Select all that apply.)

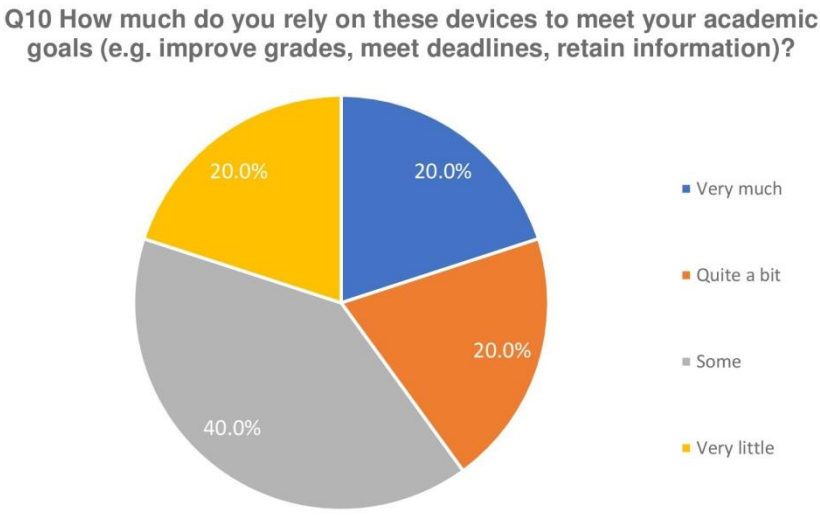


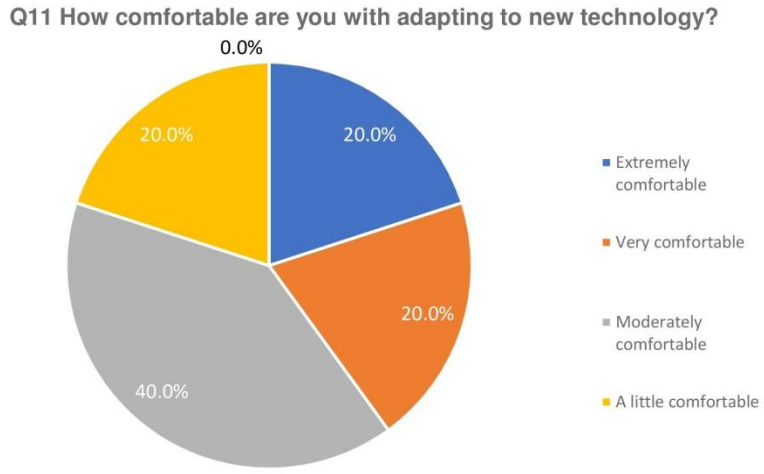
Write-in responses for Question 8 “Other” included the following:

1. “T.V.”

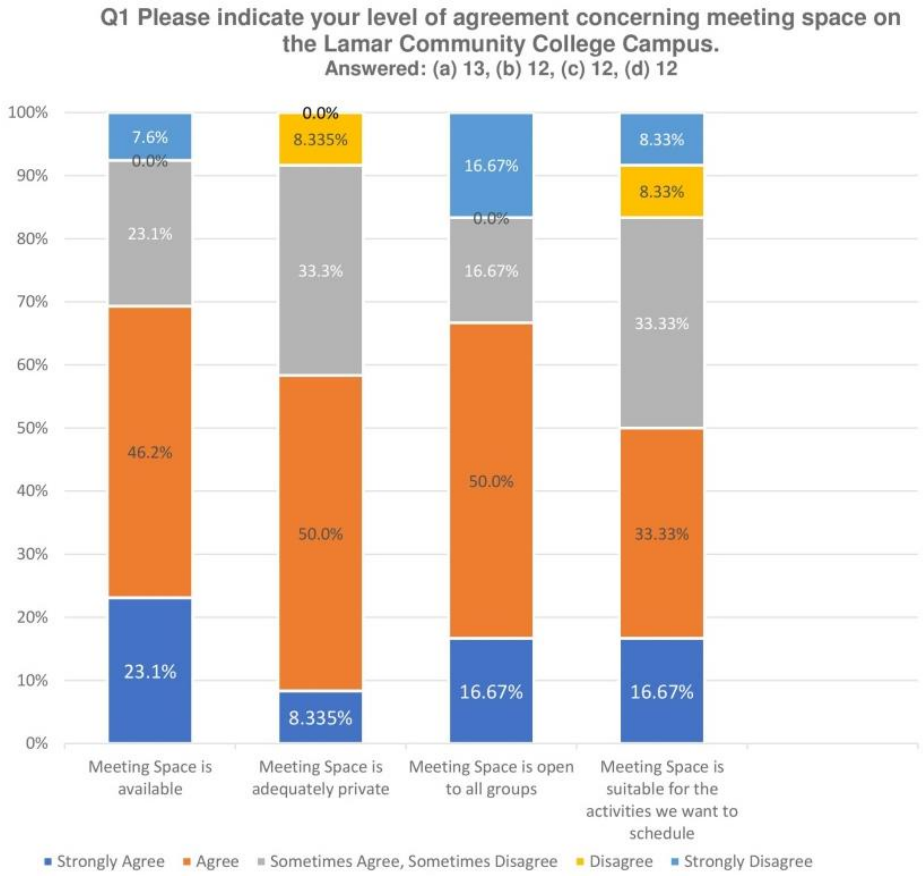
Q9 Where do you use these devices? (Select all that apply.)




Q10 How much do you rely on these devices to meet your academic goals (e.g. improve grades, meet deadlines, retain information)?
20.0%
20.0%
20.0%
40.0%
Very much
Quite a bit
Some
Very little


Q11 How comfortable are you with adapting to new technology?
0.0%
20.0%
20.0%
20.0%
40.0%
Extremely comfortable
Very comfortable
Moderately comfortable
A little comfortable

Faculty Surveys Results:



Q2 What challenges do you encounter regarding meeting spaces on campus? (Please specify.)

Write-in responses for Question 2 included the following:

1. "In Fall enough computers for the one computer class. It is done back to back not always properly."

2. "Big events - We don't have enough space to hold big events during spring and fall semester. When we do have big events there is not enough big rooms to accommodate. The gym is not even big enough to hold everyone. Graduation has outgrown space and no other options"

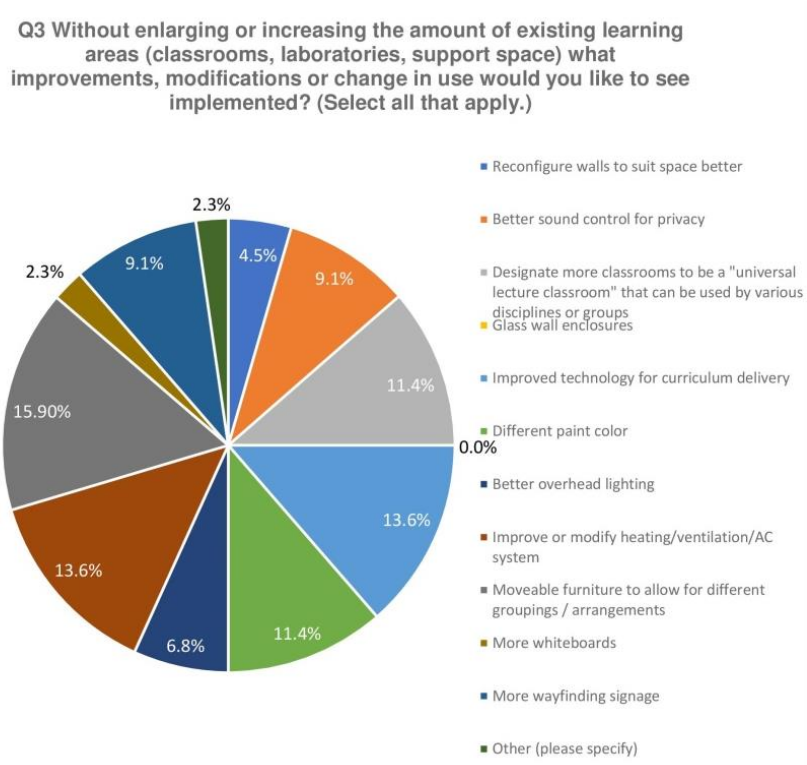
3. "Adequate meeting spaces for student study groups, Adequate meeting spaces for events where student groups need to meet in multiple rooms or display projects."

4. "No classroom area in Wellness Center. Limited office space for Athletic staff, multiple co-occupants. Training Room (003) is also Laundry room for fitness center leads to inappropriate people coming in during treatments."

5. “I foresee a real problem regarding the ability to meet and discuss/showcase student (as well as professional) art work. There is no gallery (i.e. defined place) to exhibit work.”

6. “None. I don’t schedule meetings. The ones that I attend seem to be scheduled in spaces that are appropriate for the type of meeting taking place.”

7. “Buildings may be locked. There is not access to reliable/optional vending machines in buildings (no food options). The technology and access to the web may be problematic.”



Write-in responses for Question 3 included the following:

1. “Re-arrange Betz 201 for better group activity”

Q4 Please provide any general comment or observation about exsting campus spaces.

Write-in responses for Question 4 included the following:

1. “There is no room on campus that will hold more than 34 students other than the large- and small- lecture halls. This does not allow admission of more than 34 students in the nursing program. Need locker storage for students."

2. “Heat/AC could be updated in Trustees Building. Ventilation for nails in Cosmetology Trustees 112.”

3. “It is very important for me to keep the green chalk boards in Bowman 150. It is the only classroom left on this campus with these kinds of boards, and it functions for the classes I teach much better than the white boards because they are larger.”

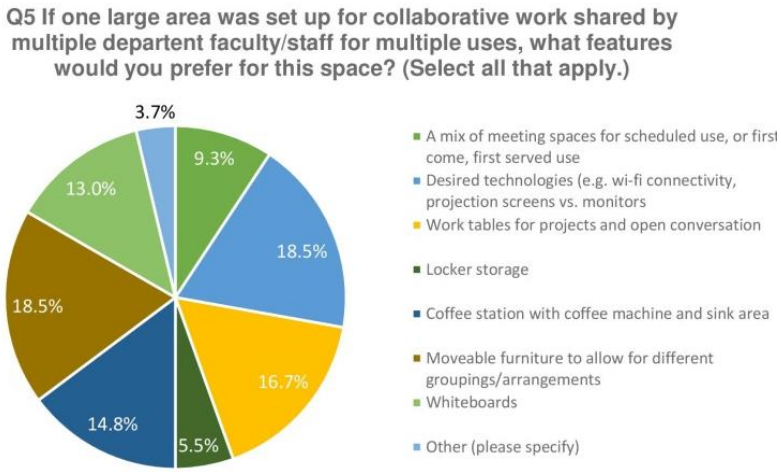
4. “Underutilized space. Old stuff crammed into classrooms that could be used. More computer labs. More flexible rooms to lecture and lab in.”

5. “Need general update; Heating and air needs to be revamped leaks onto ceiling and inefficient”

6. “Labs need significant improvements, functioning faucets, drains, safety equipment that does not drain to floor drain, operational venting, and improved storage. Lab/classrooms used for lecture only need plumbing, gas, air intakes removed and more functional seating. Roof leaks need repair. Additional electrical outlets in faculty offices.”

7. “Our vocational spaces need to be more flexible, generally blue collar trades all require great amounts of ventilation, electrical space, etc., but are never designed for multi-use. Surely space could be designed with flexibility to roll in one trade, and when not needed, rolled out and another established. Adequate storage would be needed to store the capital equipment for programs not being offered. Keeping us from re-designing space and purchasing capital equipment would greatly help with offering the vocational programs both new and continuing.”

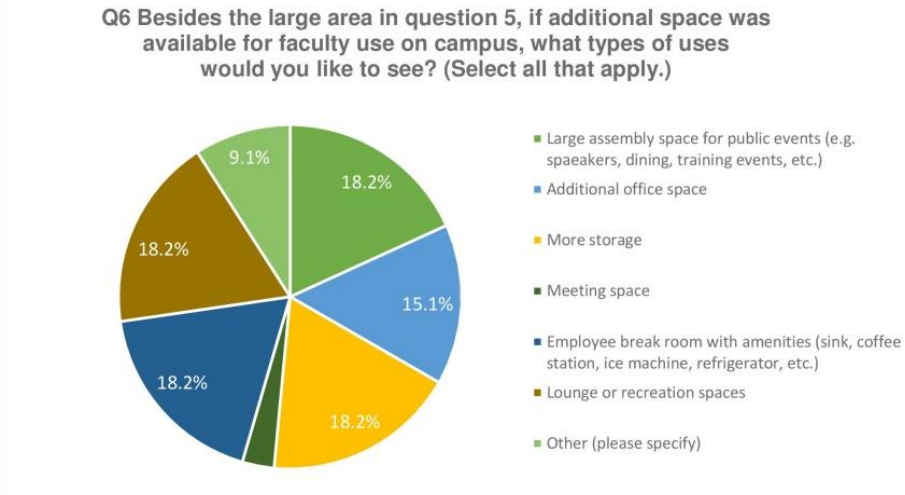
8. “Each building should have a common space (does not need to be large) with vending – pop/food/water and chairs/benches and/or tables for people to sit/snack during off times.”



Write-in responses for Question 5 “Other” included the following:

1. “A very high speed internet connection for download of texts/updates to personal computers or to use for video conferencing for area faculty and staff/system."

2. "Computers”



Write-in responses for Question 6 “Other” included the following:

1. “A music/practice space for students that are musically inclined but may not interfere with others in the building. A real stage area (theatre) would be nice.”

2. “Trustees Building – a way to walk through building north to south on main floor – currently, must go upstairs to cross through.”

3. “A gallery to exhibit Art”

4. “Creation of outdoor seating/amphitheater on south side of Bowman building where there is a natural slope/hillside.”

Hall Architects’ Note: *Six faculty participants responded to the following question not available to staff surveys concerning envisioning increased number of learning areas; the results of that survey question are listed here:*

Q7 LIM If we could increase the number of learning areas (classrooms, laboratories, support space), what would they look like?

Write-in responses for Question 7 included the following:

1. “Study pods / group areas for students.”

2. “Designated spaces to accommodate individual needs, learning areas with relaxed setting (couches, sofas, sink area), learning areas with

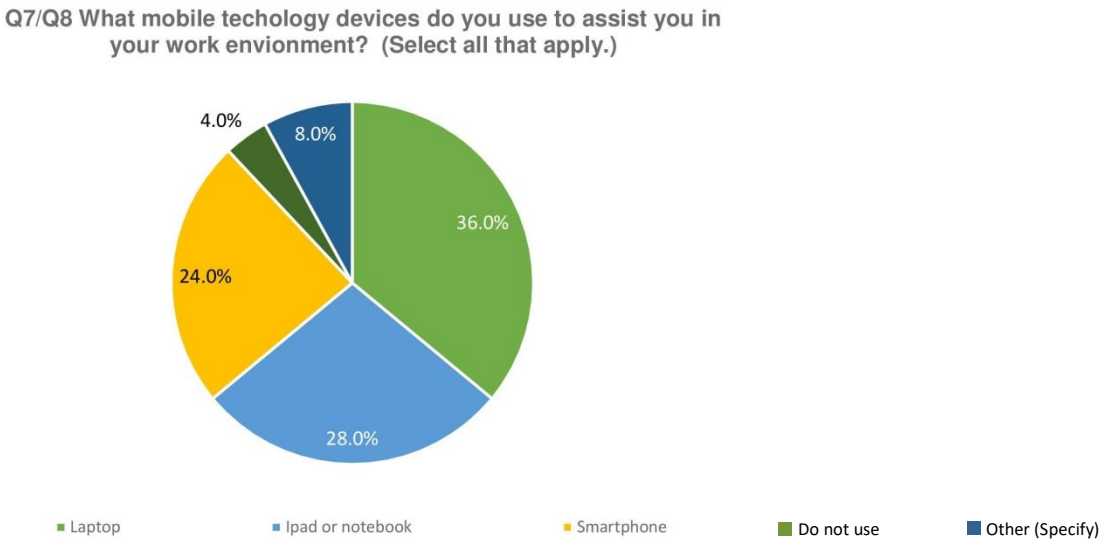
academic setting (computers, work stations, whiteboards), up-to-date laboratories with safety features appropriately installed."

3. "Computer labs with ability to lecture"

4. "Students comment that there is a lack of quiet study spaces on campus – most spaces are open, sop conversations/groups often dominate the space. We need a place for individual students to have private/uninterrupted space to study. I would also like a classroom set up for seminars-seating for small groups in lounge type chairs for discussion."

5. "Very flexible use areas."

6. "More modern labs for all allied health program students to practice health care skills. Betz Building."

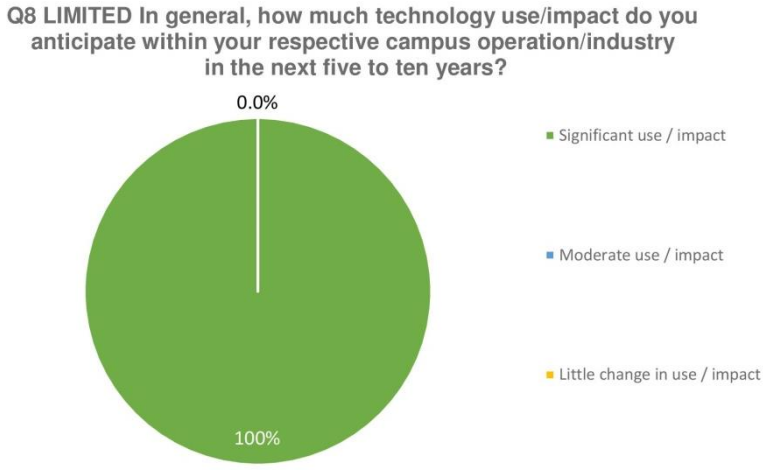


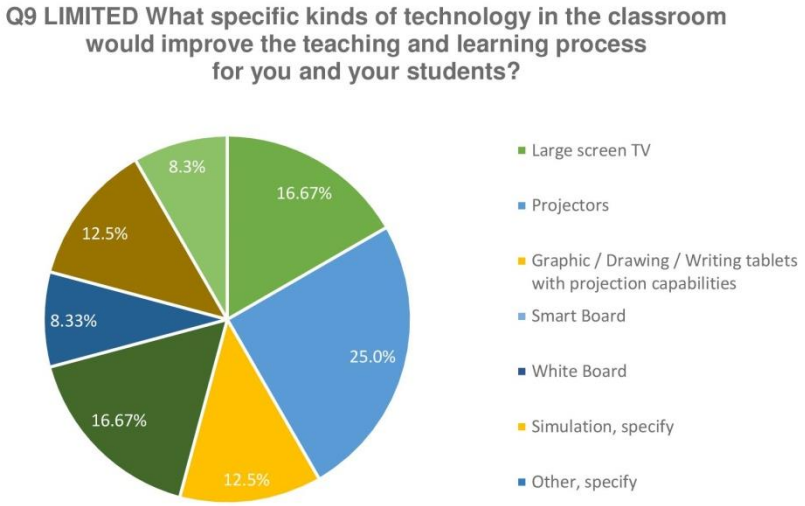
Write-in responses for Question 8 "Other" included the following:

1. "Use stable computer in classroom"

2. "Mobile TV cart with TV and DVD player. Microsoft Surface for power points with a projector."

Hall Architects' Note: *Three faculty participants responded to the following 2 questions not available on the faculty surveys concerning technology; the results of those survey questions are listed here:*





Write-in responses for Question 9 "Simulation" included the following:

1. "Add additional simulation room in Betz."

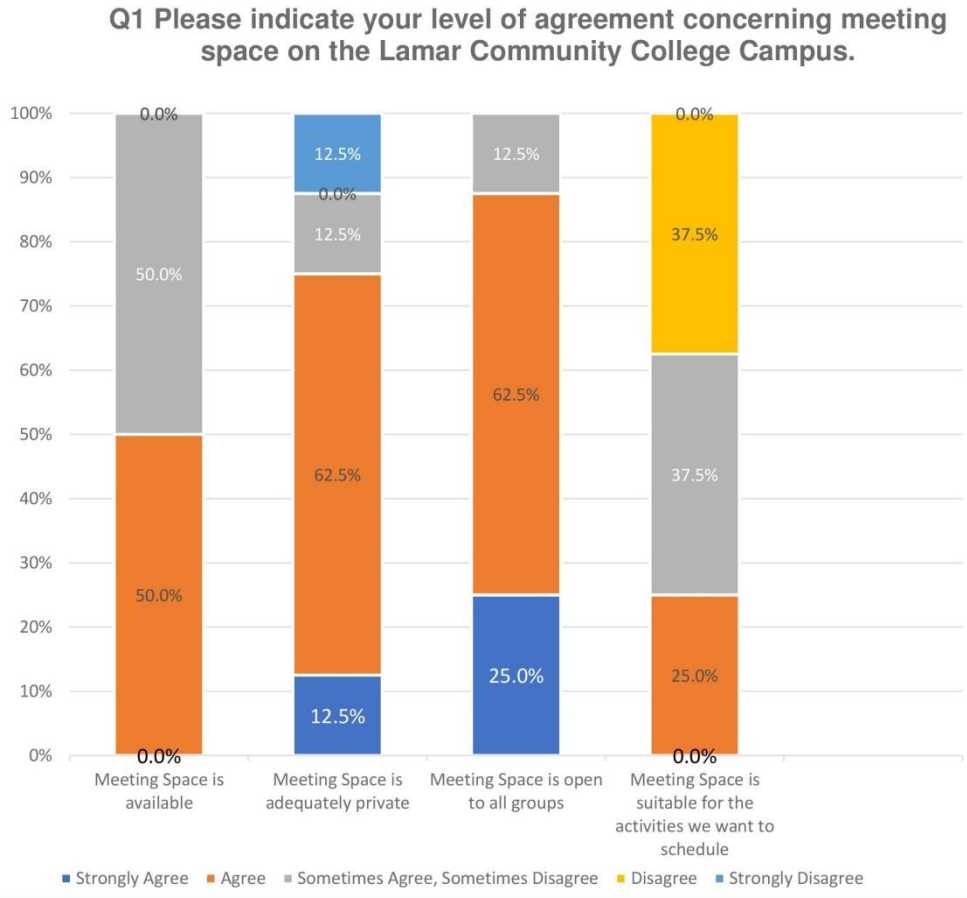
2. "Lab"

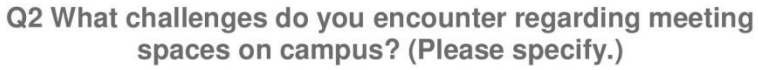
Additional faculty participants' write-in responses for Question 9 "Other" included the following:

1. "More IT classes, only here one, and Business Department wants more."

2. "More capital equipment for instructional delivery of trades education"

Staff Surveys Results:





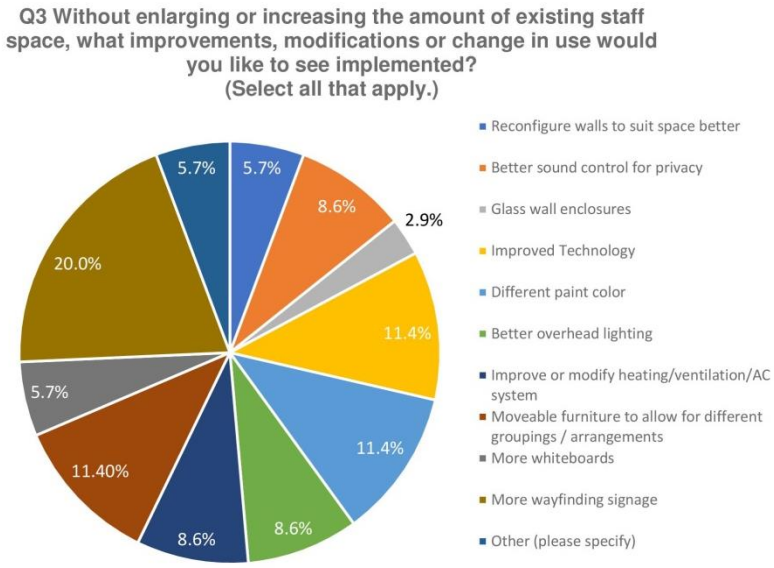
Write-in responses included the following:

1. "The walls are thin and there is very little privacy for any given space. We often need meeting spaces that are larger than what we have, or that need to be configured in a different way. There is no meeting space with adequate access for catering. Meeting spaces often double as classrooms so there are often scheduling issues."

2. "1. We are lacking meeting space for students – especially in our library. 2. We don't have enough large meeting rooms with rounds for engaged and interactive meetings."

3. "When I host large groups on campus, which is not very often, Trustees 114 is not very friendly in my opinion. I think we need a large meeting room that has electrical and technology installed and possibly a better serving area for catering. I think I host around 20-25 people when I do host a meeting."

4. “We often run into challenges when scheduling larger groups – most of our meeting spaces accommodate the same size of group, so variety would be helpful.”



Q4. Please provide any general comment or observation about exsting campus spaces.

Write-in responses included the following:

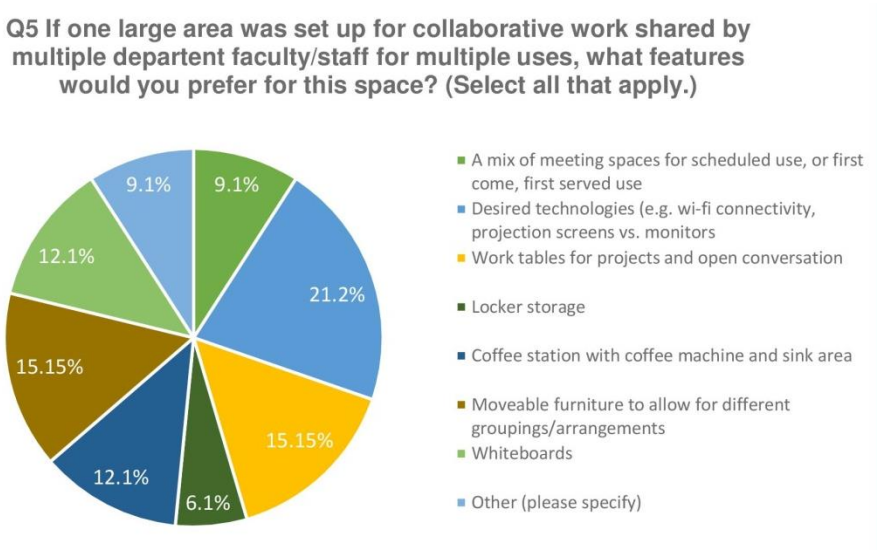
1. “The chairs provided for guests are broken down and dated. Office chairs are old and worn out. Vertical blinds are broken and looked worn out. Some spaces have the original curtains still hanging. Paint colors make the walls look old and dirty. There is still paneling on some walls which make it seem very dated and unkempt.”

2. “1. We are in old buildings and some staff space is lacking in size, sound control. 2. To foster innovation and informal planning groups, whiteboards and more flexible furniture would be nice”

3. “In the Business Office we have many functions and we just do not seem to have appropriate shelving or storage needs for the freight/storage room. We have some stuff that has to be stored upstairs and it is just a mess. Not sure about the rest of our rooms.”

4. “Some of the colors used throughout campus are outdated and do not coordinate well with our brand standards. It would be nice to see consistent colors throughout campus, largely in neutral tones to go with anything we decide to put ono the walls as time goes on. Spaces are generally adequate, but hard to find in our unique buildings – we desperately need better and more wayfinding signage.”

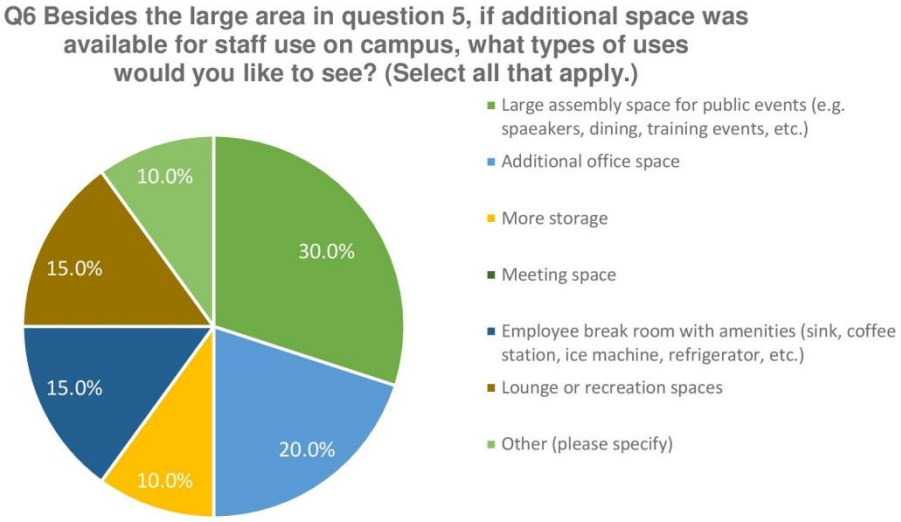
5. “We really need to have some building signage. I work in the art room and some dampeners to dampen the echo would be great.”



Write-in responses for Question 5 “Other” included the following:

1. “Not only a coffee bar, but a space for food to be brought in if needed. Multiple projectors to display on the white boards so presentation can be seen from all areas of the room. Spaces are used for a variety of meeting types; permanent monitors would limit use of the space. Ceiling projectors and laptop carts would be a better fit.”

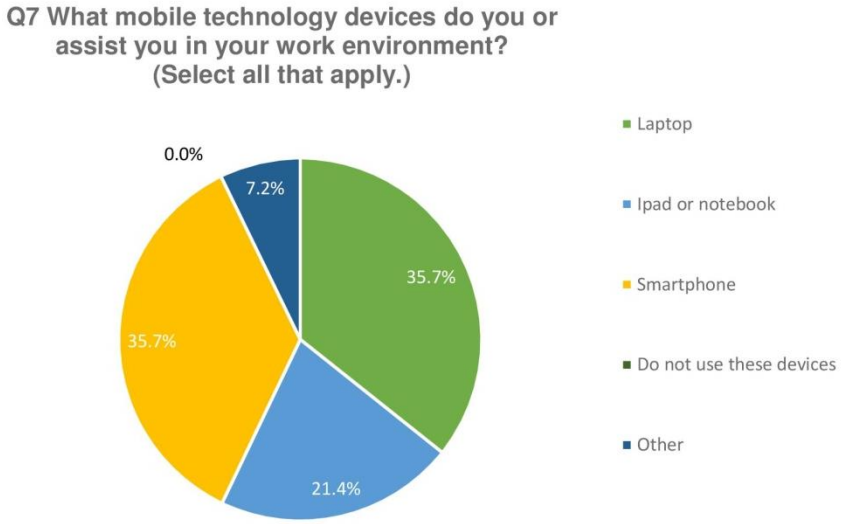
2. “All of those (selections) would be fabulous, plus a water station. There is no shared area like that in each building. Everything is compart-mentalized by department.”



Write-in responses for Question 6 “Other” included the following:

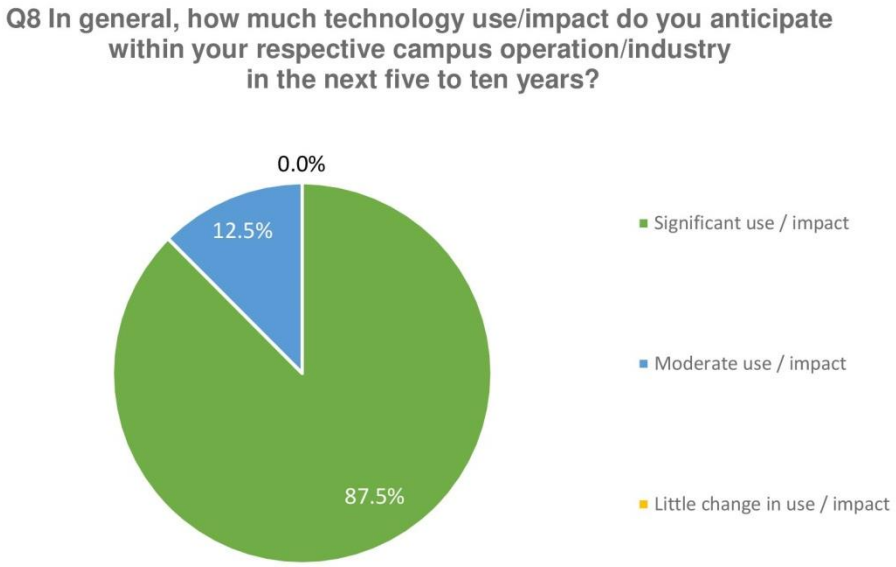
1. “Our current office space meets our needs, but since this is a 10 year master plan and we intend to grow enrollment, I anticipate office space may become an issue in the future. We could greatly benefit by having a practice gym on campus. The Wellness Center gym is currently shared by four athletic teams and community events. It is my understanding our students have to practice in other gyms quite often due to the scheduling of the space.”

2. “If a break room was brought in, there would need to be one for each building. This would be nice but probably not as utilized as an office or meeting space. There should be a conference room in each building and possible more offices, or reconfigure the existing ones. Make the existing offices more private (along with the conference rooms), would be a big help. The existing offices, such as Student Services have no flow. If a student walks in it is very confusing about where to go. Most offices are that way. It also seems like offices should be centrally located instead of in 3 different buildings.”



Write-in responses for Question 7 “Other” included the following:

1. “Being able to stay connected to wifi while on campus, at this point I have to log back in every time I leave/enter a building.”


Q8 In general, how much technology use/impact do you anticipate within your respective campus operation/industry in the next five to ten years?
0.0%
12.5%
87.5%
Significant use / impact
Moderate use / impact
Little change in use / impact

V.B. WEBLINKS

Lamar Community College Strategic Plan 2017-2020
Published by Lamar Community College
https://lamarcc.edu/wp-content/uploads/2017/10/Strategic-Plan-Booklet-2017-2020.pdf

Colorado Community College System Strategic Plan 2015-2025
Published by Colorado Community College System with the State Board for Community Colleges and Occupational Education
https://cccs.edu/wp-content/uploads/documents/StrategicPlan.pdf

Prowers County Economic Prosperity Plan, Progressive Urban Management Associates (P.U.M.A.), September 2016
http://www.prowerscounty.net/Prowers%20Economic%20Prosperity%20Plan_Final_9.6.16..pdf

Prowers County 2017 CEDS, Prowers County & Southeast Colorado Enterprise Development for the benefit of Southern Colorado Economic Development District
http://www.prowerscounty.net/Prowers County 2017-CEDS.pdf

Home Rule Charter and Code of the City of Lamar, Colorado (Ch. 16, Art. XXIII.)
https://www.ci.lamar.co.us/vertical/sites/%7B56E8FCFD-5F3B-42B1-A514-5555E2C39101%7D/uploads/Supplement_9_4-26-18.pdf

Observation Deck, Estuary Overlook Trail, Old Woman Creek State Nature Preserve, Northwestern Ohio
https://trekohio.com

Wyoming Canopy Connector, University of Wyoming College of Education, resource
http://ltlarchitects.com

Stadium-style seating resource
https://officesnapshots.com/2016/02/01/atlassian-offices-austin/

Gabion wall resource
http://www.gabion1.com.au/

Amphitheater, Scottsdale Botanical Gardens, Scottsdale, AZ, resource
http://www.waymarking.com/waymarks/WMNJH4_Desert_Botanical_Garden_Amphitheater_Scottsdale_Arizona

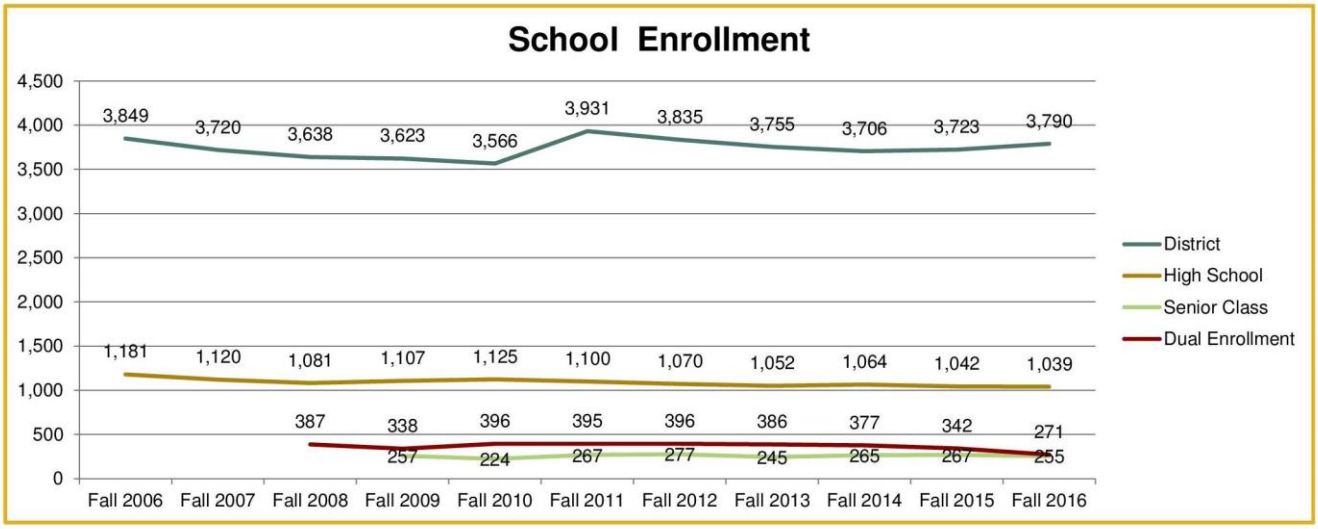
Demonstration kitchen resources
https://www.bostonglobe.com/lifestyle/food-dining/2014/09/23/boston-public-market-joins-trustees-reservations-launch-demo-kitchen/4jrgFatG93Eswy2ez2McCN/story.html

https://news.miami.edu/stories/2015/09/cooking-part-of-wellness-centers-popular-community-classes.html

Green wall resource
https://www.naava.io/gallery

V.C. HIGH SCHOOL ENROLLMENT TRENDS

Data Source: http://www.cde.state.co.us/cdereval/pupilcurrentschool



V.D. FACILITIES SPACE INVENTORY – HALL ARCHITECTS

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Betz Technology Center								
100	210	Teaching Lab./ Mixed Media	Arts, Innovate & Make Space	VP of Academic and Student Services		15+	1043	
101	210	Teaching Lab./ Jewelry, Ceramics	Arts, Innovate & Make Space	VP of Academic and Student Services		18	767	Incl. kiln, potter wheel, digital milling machine
103	210	Teaching Lab / Computer Lab	Business, Drafting	VP of Academic and Student Services		28	829	Incl plotter, hidden computer monitor desks
105	315	Office Service / Storage	Student Services	VP of Academic and Student Services			95	
106	310	Office / Faculty	Arts	VP of Academic and Student Services	1		98	former dark room w/ 2 sinks, acid neutralization
107	210	Teaching Lab / Sewing Room	Innovate & Make Space	VP of Academic and Student Services		10	463	
107A	215	Teaching Lab. Service / Ante Room	Arts, Innovate & Make Space	VP of Academic and Student Services			35	
110	310	Office / Manager	Innovate & Make Space	VP of Academic and Student Services	1		112	
111	310	Office / Faculty	Agriculture	VP of Academic and Student Services	1		122	
112	310	Office / Faculty	EMS	VP of Academic and Student Services	1		111	
113	310	Office / Dept. Head, Faculty	Agriculture	VP of Academic and Student Services	1		115	
114	310	Office / Student Senate	Student Government Association	Auxilliary / VP of Admin. Serv. & Inst. Effect.	2		105	
115	310	Office / Director	Foundation, Institutional Advancement		1		170	
116	310	Office / Reception, Workstudy	Foundation, Institutional Advancement		1		136	
117	*Y04*	*Utility Space / Elevator Room*						*Non-assignable*
118	210	Teaching Lab./ Wood, Elect., Solar	Construction Trades / Renewable Energies	VP of Academic and Student Services		15	933	Various stations: table with 7 chairs, workbenches, eqpt.
119A	*Y04*	*Mech. Room*						*Non-assignable*
119B	*Y04*	*Main Electrical Room*						*Non-assignable*
119C	*Y04*	*IT Closet*						*Non-assignable*
120	110	Classroom / Const. Trades, Ren. Energies	Construction Trades / Renewable Energies	VP of Academic and Student Services		17	578	O/H projector, round tables
121	310	Office / Faculty, Storage	Construction Trades / Renewable Energies	VP of Academic and Student Services	1		89	Incl. tool storage, eqpt. issue function
122	650	Lounge / Nursing Mother's Room		VP of Admin. Serv. & Inst. Effect.	1		110	
123	*X01*	*Custodial Supply Closet / Housekeeping*					*92*	*Non-assignable*
124	310	Office / Adjunct Faculty		VP of Academic and Student Services	1		106	Door/window adjacent to Constr. Trades Lab are blocked.
128	050	Inactive					129	Copy Room moved to Trustees F2017
129	310	Office / Residence Life	Residence Life	Auxilliary / VP of Admin. Serv. & Inst. Effect.	1		136	LOCKED - DID NOT ACCESS
130	110	Classroom / Distance Learning	Online Learning	VP of Academic and Student Services		14	394	Mobile screen
131	*X02*	*Janitor Room*						*Non-assignable, mop sink*
132	050	Inactive					450	Shipping & Receiving moved to Trustees in F2017; room has double sink, access ladder to Mezzanine
133	050	Inactive					263	Mezzanine Storage
134	660	Merchandising / Snack, beverage store		Auxilliary			1211	Bookstore operations moved F2017; space operated intermittently as student run store, study space
135	050	Inactive					106	Bookstore office moved F2017
136	650	Lounge	General Use Lounge				329	Outside of Bookstore
136A	650	Lounge	General Use Lounge				484	Outside of Foundation Office
201	110	Classroom / Lecture classroom	Nursing	VP of Academic and Student Services		34	1098	O/H projector, raised floor
202	215	Teaching Lab Serv. /Meds Supply Stor.	Nursing	VP of Academic and Student Services			108	
203	*Y04*	*Utility Space / Electrical*					103	*Non-assignable, electrical w/ Roof Access*
204	215	Teach Lab. Service/ EMT Storage	EMS	VP of Academic and Student Services			86	
205	210	Teaching Lab / Nursing SIM & EMT	Nursing & EMT	VP of Academic and Student Services		10-20	1300	Incl. observation stations (2), 8-seat room, 6 SIM beds, storage, meds; 10 min. student stations, 20 max. student stations
206	310	Office / Director, Faculty	Nursing	VP of Academic and Student Services	1		155	
207	310	Office / Faculty Admin Asst II	Nursing	VP of Academic and Student Services	1		153	
208	350	Conference Room / Nursing	Nursing	VP of Academic and Student Services	9		318	9 Seats
209	310	Office / Coordinator	Recruitment	VP of Admin. Services / Instit. Effective.	1		117	
211	310	Office / Faculty	Nursing	VP of Academic and Student Services	1		101	
212	310	Office / Faculty	Nursing	VP of Academic and Student Services	1		108	

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
214	310	Office / Cashier	Student Services	VP of Academic and Student Services	1		115	
215	310	Office / Staff	Financial Aid	VP of Academic and Student Services	1		121	
216	310	Office / Workstudy, Student Processing	Admissions	VP of Academic and Student Services	1	2	230	Incl. photo I.D. processing
217	310	Office / Director	Registrar	VP of Academic and Student Services	1		195	
218	315	Office Service / Records Storage	Student Services	VP of Academic and Student Services			118	
221	310	Office / Reception	Student Services	VP of Academic and Student Services	1		288	
223	210	Teaching Lab / Nursing Lab	Nursing	VP of Academic and Student Services		10	446	2 stor. Closets, 1 neonatal SIM, 1 SIM bed
226	*X02*	*Janitor Room*					*21*	Mop Sink
227	210	Teaching Lab./ Nursing Lab	Nursing	VP of Academic and Student Services		11	630	3 SIMs, medical cart, fixed storage, sink
228	210	Teaching Lab. / NUA Health Care Skills	Nurse Aide	VP of Academic and Student Services		8	613	2 SIMs, 5 moveable cabinets
229	110	Classroom	General Classroom	VP of Academic and Student Services		28	634	Wifi, O/H projector
230	210	Teaching Lab./ Computer	General Computer Lab	VP of Academic and Student Services		24	724	
231	315	Office Service / Student Support Services	Testing Center	VP of Academic and Student Services	1	24	724	Comp. stations (12), tables (12), proctor (1); video surveillance
232	310	Office / Student Support Services	Testing Center	VP of Academic and Student Services		1	111	
233	310	Office / Testing Coordinator	Testing Center	VP of Academic and Student Services		1	116	
235	310	Office / Director	Admissions	VP of Academic and Student Services	1		117	
236	310	Office / Financial Aid Office	Financial Aid	VP of Academic and Student Services	1		118	
237	310	Office / Student Support Services	TRIO Educational Opportunity Center (EOC)	VP of Academic and Student Services	1		118	Shared by 2
238	310	Office / Business Chair	Business	VP of Academic and Student Services	1		117	
239	310	Office / Faculty	Business	VP of Academic and Student Services	1		118	Shared by 2
240	310	Office / Student Support Services	Student Success Navigator	VP of Academic and Student Services	1		111	
241	310	Office / Director, Admin. Services	Concurrent Enrollment, ASCENT	VP of Academic and Student Services	1		114	
242	680	Meeting Room	General Use Meeting Room			12	459	Cisco polycom
243	110	Classroom	General Classroom	VP of Academic and Student Services		28	655	O/H projector
243A	115	Classroom Service / Storage	General Classroom	VP of Academic and Student Services			12	
244	210	Teaching Lab / Computer Lab	General Computer Lab	VP of Academic and Student Services		28	797	O/H projector, comp stations (25) + 3 reg. stations
245	350	Conference Room / IT	Data Center Suite	VP of Admin. Services / Instit. Effective.	4		374	IT Strategy/Collaboration Room - table with 4 seats
246	315	Office Service / Storage	Student Services	VP of Academic and Student Services			96	
247	715	Central Computer Service / Storage	Data Center Suite	VP of Admin. Services / Instit. Effective.			121	
248	315	Office Service / Restricted Circulation	Data Center Suite	VP of Admin. Services / Instit. Effective.			277	
249	310	Office / Director	Data Center Suite	VP of Admin. Services / Instit. Effective.	1		140	
250	710	Central Computer / Server Room	Data Center Suite	VP of Admin. Services / Instit. Effective.			245	Tunnel access
252	050	Inactive Office	Data Center Suite	VP of Admin. Services / Instit. Effective.			103	
253	310	Office / IT Staff	Data Center Suite	VP of Admin. Services / Instit. Effective.	1		105	
254A	650	Lounge	General Use Lounge				66	Outside of Elev. Machine Room
Betz Building ASF Total							**21,340**	excl. Inactive
Betz Building Gross GSF							**34,011**	

Classroom ASF Total	**3,359**
Classroom Service ASF Total	**12**
Teaching Laboratory ASF Total	**8,545**
Teaching Laboratory Service ASF Total	**229**
Office - Administrative/Staff ASF Total	**2,775**
Office - Faculty ASF Total	**1,393**
Office Service - Administrative/Staff ASF Total	**1,310**
Conference Room - Administrative/Staff ASF Total	**374**
Conference Room - Faculty ASF Total	**318**
Lounge ASF Total	**989**
Merchandising ASF Total	**1,211**
Meeting Room ASF Total	**459**
Central Computer / Telecom ASF Total	**245**
Central Computer Service ASF Total	**121**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Inactive ASF Total								**1,051**
Storage Shed (East of Betz)								
	780	Unit Storage / Storage	Construction Trades	VP of Academic and Student Services			106	Not listed in Risk Mgt.
Storage Shed Building ASF Total							**106**	
Storage Shed Building Gross GSF							**120**	
Unit Storage ASF Total								**106**
Bowman Building - Administration (West)								
101	315	Office Service / Storage	Administrative Services	VP of Admin. Services & Inst. Effectiveness			77	Storage below stairs, height varies
103A	650	Lounge / Waiting	Prowers Economic Prosperity	VP of Admin. Services & Inst. Effectiveness			99	
104	310	Office / Faculty	Construction Trades	VP of Academic and Student Services	1		242	
104A	315	Office Service / Storage	Construction Trades	VP of Academic and Student Services			63	
105	315	Office Service / Storage	Administrative Services	Adminstrative Services			196	Vault
106A	310	Office / Business Manager	Prowers Economic Prosperity	VP of Admin. Services & Inst. Effectiveness	1		146	Prowers County
106B	310	Office / Executive Director	Prowers Economic Prosperity	VP of Admin. Services & Inst. Effectiveness	1		229	Prowers County
107	310	Office / Coordinator	Instructional Coordinator	VP of Academic and Student Services	1		227	
107B	050	Inactive Office/Storage		VP of Academic and Student Services			85	
108	*Y04*	*Utility / Telephone equipment*						*Not Assignable*
114	350	Conference Room - Faculty	Academic Services / Prowers Economic Prosperity	VP of Academic and Student Services	8		231	one table w/ 7 chairs, 1 workstation
202	350	Conference Room / President	President's Conference Room	President	10		313	
204	310	Office / President	President's Office	President	1		204	
205	*X02*	*Janitor Closet*					*17*	*Not Assignable, mop sink*
206	315	Office Service / Reception	VP of Academic and Student Services	VP of Academic and Student Services			109	
207	315	Office Service / Storage	VP of Academic and Student Services	VP of Academic and Student Services			17	
208	310	Office / Vice President	VP of Academic and Student Services	VP of Academic and Student Services	1		186	
209	310	Office / Director	Marketing & Communication		1		186	
210	650	Lounge / Waiting	Administrative Services	VP of Admin. Services & Inst. Effectiveness			301	Seating
211	310	Office / Executive Assistant, Reception	President's Executive Assistant	President	1		344	Incl. 81 ASF open workstation
212	*Y04*	*Utility / Mechanical*						*Not Assignable*
214	315	Office Service / Storage					81	
215	310	Office / Vice President	VP of Admin. Services & Inst. Effectiveness	VP of Admin. Services & Inst. Effectiveness	1		186	
Bowman Building (East)								
B-3 (003)	050	Inactive Storage	Facilities	VP of Admin. Services & Inst. Effectiveness			213	Former dark room
B-4 (004)	050	Inactive Storage	Facilities	VP of Admin. Services & Inst. Effectiveness			128	Former dark room
B-5 (005)	*Y02*	*Boiler Room*					*647*	*Not assignable; incl. sink*
B-6 (006)	*Y02*	*Chiller Room*					*384*	*Not assignable; Incl. washing machine, clothesline drying*
B-7 (007)	*Y02*	*Fan Room*					*366*	*Not assignable*
B-8 (008)	730	Central Storage / Storage	Facilities	VP of Admin. Services & Inst. Effectiveness			1311	Incl. staff meeting space, records
B-8A (008A)	720	Shop / Facilities Shop	Facilities	VP of Admin. Services & Inst. Effectiveness			128	
B-9 (009)	310	Office / Director	Facilities	VP of Admin. Services & Inst. Effectiveness	1		275	Incl. conference table
B-10 (010)	315	Office Service / Private Restroom	Facilities	VP of Admin. Services & Inst. Effectiveness			51	
121	310	Office / Coordinator	Tutoring	VP of Academic and Student Services	1		97	
122	050	Inactive Office		VP of Academic and Student Services			122	Testing coordinator moved F2017
124	315	Office Service / Storage	Phi Theta Kappa	Auxiliary			91	
125	310	Office / Faculty	Arts and Sciences	VP of Academic and Student Services	1		118	

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
126	310	Office / AQIP, Faculty	History	VP of Academic and Student Services	1		116	`
127	310	Office / Adjunct Faculty	Arts and Sciences	VP of Academic and Student Services	1		98	
128	110	Classroom	General Classroom	VP of Academic and Student Services		24	537	Smartboard, lecture tables
129	220	Open Lab / Tutoring	Tutoring Lab	Dean of Academics, VP of Academic and Student Services	1	43	1083	Incl. computer stations (16), round tables (5) with seats
133	*X02*	*Janitor Closet*					*32*	*Not Assignable*
136	310	Office / Counselor's Office	Counseling	VP of Academic and Student Services	1		128	
137	310	Office / Faculty	Math	VP of Academic and Student Services	1		128	
138	110	Classroom / Small Lecture Hall	General Classroom	VP of Academic and Student Services		58	1224	fixed tablet seats, tiered seating
139	110	Classroom / Large Lecture Hall	General Classroom	VP of Academic and Student Services		141	2100	fixed tablet seats, tiered seating
141	440	Processing Room	LRC	Dean of Academics, VP of Academic and Student Services	1		133	Access to Meeting Room
142	680	Meeting Room / STEM Room	LRC	Dean of Academics, VP of Academic and Student Services		6	350	Communicates with LRC space (no door), includes conference table (6), videoconferencing
142a	685	Meeting Room Service / Circulation (space)	LRC	Dean of Academics, VP of Academic and Student Services			108	
143	310	Office / Library Specialist's Office, Work Area	LRC	Dean of Academics, VP of Academic and Student Services	1		231	Mostly functions as office
144	430	Open Stack Study Space	LRC	Dean of Academics, VP of Academic and Student Services			2969	Incl. open stacks, computer stations, seating/tables for study and lounge (used by students and facutly/staff), reference materials
144a	440	Processing Room / Circulation Desk	LRC	Dean of Academics, VP of Academic and Student Services	1		99	
147	050	Inactive					1007	Testing Center - moved to Betz F2017, incl. 2 closets
148	310	Office / Office suite	Career and Transfer Center	VP of Academic and Student Services	1		537	Incl. waiting area, copier, one workstation, conference table (6)
149	650	Lounge / Student Lounge	Hole in the Wall	VP of Academic and Student Services			540	Vending machine, assorted seating, assorted tables - primary function is lounge, sometimes used for study
150	110	Classroom	General Classroom	VP of Academic and Student Services		24	541	
152	310	Office / Faculty	Advanced Manufacturing	VP of Academic and Student Services	1		110	
153	050	Inactive Office		VP of Academic and Student Services			96	
217	310	Office / Coordinator	Academic Service and Program Coordinator	VP of Academic and Student Services	1		116	Scheduling
218	310	Office / Work Study, Storage	Academic Services	VP of Academic and Student Services	1		142	Office + Storage
219	110	Classroom	General Classroom	VP of Academic and Student Services		24	545	SMART board, WB
220	110	Classroom	General Classroom	VP of Academic and Student Services		24	539	SMART board, WB
221	110	Classroom	General Classroom	VP of Academic and Student Services		24	541	SMART board, WB
222	110	Classroom / Math	Math	VP of Academic and Student Services		24	535	SMART board, WB
225	*X02*	*Janitor Closet*					*36*	*Not assignable, mop sink*
229	310	Office / Chair, Faculty	English	VP of Academic and Student Services	1		123	
230	*X01*	*Housekeeping*		VP of Academic and Student Services			*78*	*Not assignable*
231	220	Open Lab, IDF		VP of Academic and Student Services		24	553	Incl. IT Cabinet
232	110	Classroom	General Classroom	VP of Academic and Student Services		24	545	WB, TV monitor
233	110	Classroom	General Classroom	VP of Academic and Student Services		24	543	SMART board, WB
234	110	Classroom	General Classroom	VP of Academic and Student Services		24	541	SMART board, WB
235	110	Classroom / Distance Learning	Distance Learning -Math Lab, Human Growth & Development	VP of Academic and Student Services		10	552	10 seats set up, additional 14 seats; SMART board, WB, computer cart
236	310	Office / Dean	Academic Services	Dean of Academic Services, VP of Academic and Student Services	1		143	
237	315	Office Service / Waiting Room	Dean of Academic Services	Dean of Academic Services, VP of Academic and Student Services			113	
301	*Y04*	*Mechanical Space / Penthouse*					*36*	*Not assignable*
302	*Y04*	*Mechanical Space / Penthouse*					*48*	*Not assignable*
303	*Y04*	*Mechanical Space / Penthouse*					*208*	*Not assignable*

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Building ASF Total - Combined Bowman West and Bowman East							**22,071**	excl. Inactive
Building Gross GSF - Combined Bowman West and Bowman East							**40,849**	
Classroom ASF Total								**8,743**
Open Lab ASF Total								**1,636**
Office - Administrative/Staff ASF Total								**3,377**
Office - Faculty ASF Total								**935**
Office Service - Administrative/Staff ASF Total								**735**
Office Service - Faculty ASF Total								**63**
Conference Room - Administrative/Staff ASF Total								**313**
Conference Room - Faculty ASF Total								**231**
Open Stack Study Space ASF Total								**2,969**
Processing Room ASF Total								**232**
Lounge ASF Total								**940**
Meeting Room ASF Total								**350**
Meeting Room Service ASF Total								**108**
Central Shops								**128**
Central Storage								**1,311**
Inactive Area ASF Total								**1,651**
Facility Operations Building (Shop west of Welding Shop)								
	310	Office	Facilities	VP of Admin. Services & Institutional Effect.			87	
	315	Office Service / Private Restroom	Facilities	VP of Admin. Services & Institutional Effect.			57	
	720	Central Shop / Facilities Shop	Facilities	VP of Admin. Services & Institutional Effect.			873	Emergency shower, sink
	725	Central Shop Service / Facilities Storage	Facilities	VP of Admin. Services & Institutional Effect.			646	
Facilities Operations Building ASF Total							**1,663**	
Facilities Operations Building Gross GSF							**1,800**	
Office - Administrative/Staff ASF Total								**87**
Office Service - Administrative/Staff ASF Total								**57**
Shop ASF Total								**873**
Shop Service ASF Total								**646**
Hay Barn								
	560	Field Building / Hay Storage	HTM, Rodeo	VP of Academic and Student Services			3816	
Hay Barn Building ASF Total							**3,816**	
Hay Barn Building Gross GSF							**4,000**	
Field Building ASF Total								**3,816**
Horse Barn (Arena Stall Barn)								
	560	Field Building / Horse Storage	HTM, EBM	VP of Academic and Student Services			6063	
Horse Barn Building ASF Total							**6,063**	
Horse Barn Building Gross GSF							**6,300**	
Field Building ASF Total								**6,063**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Horse Training Management - Indoor Arena Building								
104	*X02*	*Janitor Closet*					*74*	*Not assignable; Incl. mop sink, water heater*
105	650	Lounge	HTM / EBM	VP of Academic and Student Services			249	Incl. vending machine
106	110	Classroom / Lecture Classroom	HTM / EBM	VP of Academic and Student Services		38	869	38 tiered seating + 2 HC
106A	115	Classroom Service / Storage	HTM / EBM	VP of Academic and Student Services			63	
107	310	Office / Director, Faculty	HTM	VP of Academic and Student Services	1		105	
108	310	Office / Faculty	EBM	VP of Academic and Student Services	1		108	
109	310	Office / Faculty	HTM	VP of Academic and Student Services	1		109	
110	050	Inactive Office / Faculty	HTM / EBM	VP of Academic and Student Services	1		110	Vacant in F2017
111	350	Conference Room / Faculty	HTM / EBM	VP of Academic and Student Services	6		210	8 total seats, incl. copier
112	310	Office / Faculty	Rodeo Coach	VP of Academic and Student Services	1		116	
113	110	Classroom	HTM / EBM	VP of Academic and Student Services		36	796	45 seats total
114	*Y04*	Utility / Main MDP, Elect and IDF					*109*	*Not assignable; Incl. geothermal system controls, access to mezzanine*
115	210	Teaching Lab / Indoor Arena	HTM / EBM	VP of Academic and Student Services		15	20,177	15 max. student count for safety + 2 supervisors
115A	215	Teaching Lab / Arena Storage	HTM / EBM	VP of Academic and Student Services			898	
115B	523	Spectator Seating / Indoor Arena Seating	HTM / EBM	VP of Academic and Student Services			240	80 occupants
116	210	Teaching Lab / Viewing	HTM / EBM	VP of Academic and Student Services			185	
117	210	Teaching Lab / Demonstration Room	HTM / EBM	VP of Academic and Student Services			344	
120	570	Animal Facility / Horse Stalls	HTM	VP of Academic and Student Services			11,063	40 horse stalls
121	215	Teaching Lab Service / Tack Room	HTM	VP of Academic and Student Services			135	
122	215	Teaching Lab Service / Tack Room	HTM	VP of Academic and Student Services			165	
123	215	Teaching Lab Service / Tack Room	HTM	VP of Academic and Student Services			105	
124	215	Teaching Lab Service / Tack Room	HTM	VP of Academic and Student Services			113	
200	*Y02*	*Mechanical Room*					*360*	*Not assignable*
HTM Building ASF Total							**36,050**	excludes Inactive
HTM Building Gross GSF							**41,789**	**37,828 reported by Facilities - as-built documents identify 41,789**

Classroom ASF Total	**1,665**
Classroom Service ASF Total	**63**
Teaching Lab ASF Total	**20,706**
Teaching Lab Service ASF Total	**1,416**
Office - Faculty ASF Total	**438**
Conference Room - Faculty ASF Total	**210**
Spectator Seating ASF Total	**240**
Animal Facility ASF Total	**11,063**
Lounge ASF Total	**249**
Inactive ASF Total	**110**

Livestock Shelter - North (Loafer Shed)								
	560	Field Building / Horse Storage	HTM, Rodeo	VP of Academic and Student Services			1334	
Livestock North Building ASF Total							**1,334**	
Livestock North Building Gross GSF							**1,440**	

Field Building ASF Total	**1,334**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Livestock Shelter - #3, Central (Loafer Shed)								
	560	Field Building / Horse Storage	HTM, Rodeo	VP of Academic and Student Services			1116	
Livestock #3 Building ASF Total							**1,116**	
Livestock #3 Building Gross GSF							**1,200**	
Field Building ASF Total								**1,116**
Livestock Shelter - South (Loafer Shed)								
	560	Field Building / Horse Storage	HTM, Rodeo	VP of Academic and Student Services			1116	
Livestock South Building ASF Total							**1,116**	
Livestock South Building Gross GSF							**1,200**	
Field Building ASF Total								**1,116**
Prowers House								
B1/B1B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	259	HC Accessible Unit, incl. Vanity
B1C	919	Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.			86	HC Access Bath
B2/B2A/B2B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B3/B3A/B3B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B3C	919	Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.			51	
B4/B4A/B4B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B5/B5A/B5B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B5C	919	Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.			51	
B6/B6A/B6B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B7/B7A/B7B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B7C	919	Adjoining Bath	Residence Life				51	
B8/B8A/B8B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B/B9A/B9B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B9C	919	Adjoining Bath	Residence Life				51	
B10/B10A/B10B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B11/B11A/B11B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B11C	919	Adjoining Bath	Residence Life				51	
B12/B12A/B12B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B13/B13A/B13B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B13C	919	Adjoining Bath	Residence Life				51	
B14/B14A/B14B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B15/B15A/B15B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
B15C	919	Adjoining Bath	Residence Life				51	
B16/B16A/B16B	920	Steep/Study w/ Adjoining Bath	Residence Life	Auxiliary / VP of Admin. Services & Inst. Eff.		2	242	Incl. Vanity and Closet
Prowers House Building ASF Total							**4,332**	
Prowers House Building Gross GSF							**5,096**	
Bath ASF Total								**443**
Sleep/Study with Adjoining Bath ASF Total								**3,889**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Pump House								
	730	Central Storage / Grounds	Facilities	VP of Admin. Services & Institutional Effect.			106	Original structure from former LJC site
Pump House Building ASF Total							**106**	
Pump House Building Gross GSF							**120**	
Central Storage ASF Total								**106**
Rodeo Announcer Booth								
	530	Media Production / Announcer Booth	Rodeo	VP of Admin. Services & Institutional Effect.			41	Not listed in Risk Management
Rodeo Announcer Booth Building ASF Total							**41**	
Rodeo Announcer Booth Building Gross GSF							**50**	
Media Production ASF Total								**41**
Rodeo Storage (north of Rodeo Announcer Booth)								
	780	Unit Storage / Storage	Rodeo	VP of Admin. Services & Institutional Effect.			109	Not listed in Risk Management
Rodeo Storage Building ASF Total							**109**	
Rodeo Storage Building Gross GSF							**120**	
Unit Storage ASF Total								**109**
Sawdust Shed								
	560	Field Building / Sawdust Storage	HTM Indoor Arena	VP of Academic and Student Services			354	
Sawdust Shed Building ASF Total							**354**	
Sawdust Shed Building Gross GSF							**458**	
Field Building ASF Total								**354**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Todd-Burch Hall - Kelley Union Cafeteria								
A104	950	Apartment / Res. Hall Coordinator BR	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			186	Was former "Board Room", incl. closet
A105	950	Apartment / Res. Hall Coordinator LR	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			180	
A106	950	Apartment / Res. Life Coordinator Kitchen	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			45	
A108	950	Apartment / Res. Hall Coordinator Bath	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			42	
A109	950	Apartment / Housing Coordinator Bedroom	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			120	
B-3	935	Sleep/Study Service / Storage	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			181	
B-4	730	Central Storage / Yard Room	Facilities	Auxiliary / VP of Admin.Services & Inst. Eff.			99	
B-5	520	Athletic or Phys. Ed / Weight Room-Exercise Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			2303	Athletes have priority use; all non-athlete residents' use limited to nighttime
B-5A	310	Office / Work Study - Eqpt Check-In	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			120	
B-6	*Y04*	*Utility / Mech Room*		Auxiliary / VP of Admin.Services & Inst. Eff.				*Not assignable*
B-7	*Y02*	*Fuel Room / Boiler Room*		Auxiliary / VP of Admin.Services & Inst. Eff.				*Not assignable*
C102	630	Food Facility / Kelley Union Cafeteria	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			2297	
C103	670	Recreation / Kelley Union - Games	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			1850	
C103A	935	Sleep/Study Service / Mail Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			131	
C113	*X02*	*Janitor Room*					*15*	*Not assignable*
C115	635	Food Facility Service / Storage Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			96	
C116	635	Food Facility Service / Walk-In Freezer	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			43	
C117	635	Food Facility Service / Walk-In Refrigerator	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			68	
C118	635	Food Facility Service / Kitchen	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			782	
C119	635	Food Facility Service / Catering Storage	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			133	
C120	635	Food Facility Service / Mop & Broom Storage	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			26	
C121	310	Office / Sodexo	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			59	
C123	635	Food Facility Service / Cleaning Supplies	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			26	
C124	635	Food Facility Service / Employee Lockers	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			40	
C125	635	Food Facility Service / Dishwashing Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			143	
C126	635	Food Facility Service / Food Serving Area	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			319	
Todd-Burch Hall (Residence Halls)								
W100	935	Sleep/Study Service / Housekkeeping	Residence Life				200	
W101	310	Office / Residence Hall Coordinator	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.	1		224	
W102	935	Sleep/Study Service / Computer Lab	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			224	
W103	310	Office / Security Officer	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.	1		224	
W104	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W105	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W106	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W107	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W108	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W109	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W110	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W111	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W112	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W113	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W114	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W115	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W117	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W119	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W121	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W-J1	*X02*	*Janitor Closet*	Facilities	Auxiliary / VP of Admin.Services & Inst. Eff.			*25*	*Not assignable*
W-W1	935	Sleep/Study Service / Laundry Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			210	3 washers / 2 dryers
W-L1	919	Bath / Men's Bathroom (Showers)	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			450	
W-C1	935	Sleep/Study Service / Housekeeping	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			25	
W201	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W202	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W203	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W204	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W205	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
W206	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W207	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W208	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W209	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W210	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		1	182	
W211	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W212	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W213	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W214	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W215	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W216	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W217	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W218	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W219	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W221	910	Sleep/Study w/o Bath / Men's Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
W-L2	919	Bath / Men's Bathroom (Showers)	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			450	
W-C2	935	Sleep/Study Service / Housekeeping	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			12	
W-J2	*X02*	*Janitor Closet*	Facilities	Auxiliary / VP of Admin.Services & Inst. Eff.			*12*	*Not assignable*
E101	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E102	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E103	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E104	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E105	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E106	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E107	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E108	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E109	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E110	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E111	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E112	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E113	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E114	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E115	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E116	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E117	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E118	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E120	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E122	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E-W1	935	Sleep/Study Service / Laundry Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			210	3 washers / 2 dryers
E-J1	*X02*	*Janitor Closet*	Facilities	Auxiliary / VP of Admin.Services & Inst. Eff.			*8*	*Not assignable*
E-L1	919	Bath / Women's Bathroom (Showers)	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			448	
E-C1	935	Sleep/Study Service / Housekeeping	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			18	
E-C2	935	Sleep/Study Service / Housekeeping	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			12	
E-ST1	935	Sleep/Study Service / Housekeeping	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			200	Mattress storage
E201	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E202	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E203	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E204	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E205	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E206	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E207	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E208	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E209	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E210	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E211	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E212	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E213	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E214	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
E215	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E216	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E217	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E218	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E219	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E220	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E222	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E224	910	Sleep/Study w/o Bath / Women's Dorm Rm.	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E-J2	*X02*	*Janitor Closet*	Facilities	Auxiliary / VP of Admin.Services & Inst. Eff.			*8*	*Not assignable*
E-C3	935	Sleep/Study Service / Housekeeping	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			12	
E-L2	919	Bath / Women's Bathroom (Showers)	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			448	
E301	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E302	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E303	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E304	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E305	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E306	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E307	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E308	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E309	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E310	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		4	448	2 adjoining rooms
E311	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E312	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		4	448	2 adjoining rooms
E313	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E314	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E315	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E316	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E317	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E318	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E319	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E320	910	Sleep/Study w/o Bath / Dorm Room	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.		2	224	
E-J3	*X02*	*Janitor Closet*	Facilities	Auxiliary / VP of Admin.Services & Inst. Eff.			*8*	*Not assignable*
E-L3A	919	Bath / Women's Bathroom (Showers)	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			205	
E-L3B	919	Bath / Men's Bathroom (Showers)	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			158	
E-C4	935	Sleep/Study Service / Housekeeping	Residence Life	Auxiliary / VP of Admin.Services & Inst. Eff.			12	
Todd-Burch - Kelley Union Cafeteria Building ASF Total							**35,165**	
Todd-Burch - Kelley Union Cafeteria Building Gross GSF							**59,016**	

Office - Administrative/Staff ASF Total	**627**
Athletic or P.E. ASF Total	**2,303**
Food Facility ASF Total	**2,297**
Food Facility Service ASF Total	**1,676**
Recreation ASF Total	**1,850**
Central Storage ASF Total	**99**
Sleep/Study w/o Bath ASF Total	**22,134**
Bath ASF Total	**2,159**
Sleep/Study Service ASF Total	**1,447**
Apartment ASF Total	**573**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Trustees Building								
B-3 (003)	730	Central Storage / Administrative Services	Adminstrative Services	VP of Admin. Services / Instit. Effective.			908	NOT ACCESSED
B-4 (004)	*Y04*	*Mech-Room*					*436*	NOT ACCESSED
B-5 (005)	*Y04*	*Elev. Machine Room*					*32*	NOT ACCESSED
B-7 (007)	*Y04*	*Chemical Storage*					*82*	NOT ACCESSED
B-8 (008)	*Y04*	*Chemical Storage*					*74*	NOT ACCESSED
105	545	Clinic Service / Waiting Room, Cashier	Cosmetology / Barber	VP of Academic and Student Services			477	Incl. merchandising function
106	540	Clinic / Tint Facial Lab	Esthetician / Cosmetology	VP of Academic and Student Services		1	202	1 treatment chair; occasional guest presentations w/ multiple students
107	545	Clinic Service /Lockers	Cosmetology / Barber	VP of Academic and Student Services			126	Incl. hand sink, lockers
108	545	Clinic Service / Laundry, Lockers, Lounge	Cosmetology / Barber	VP of Academic and Student Services			298	
109	210	Teaching Lab / Nail Tech	Nail Technician / Cosmetology	VP of Academic and Student Services		16	548	O/H projector
110	545	Clinic Service / Dispensary, Mixing	Cosmetology	VP of Academic and Student Services			241	Incl. sink, counters
111	310	Office / Dept. Chair, Faculty	Cosmetology	VP of Academic and Student Services	2		239	
112	540	Clinic / Cosmetology and Barber Shop	Cosmetology, Barber Shop, Nail Technician	VP of Academic and Student Services		26	2339	3 ped stations, 9 nail stations, 6 hair wash, 1 hand sink, 20 stylist seats, 6 barber seats
114	110	Classroom	General Classroom	VP of Academic and Student Services		40	920	Pull down screen, no O/H proj.
115	115	Classroom Service / Storage	General Classroom	VP of Academic and Student Services			165	
116	545	Clinic Service / Storage	Cosmetology	VP of Academic and Student Services			88	
118A	050	Inactive					77	Room adjacent to Women's RR
120	*X02*	*Janitor Closet*					*29*	*Not assignable*
121	680	Meeting Room / Assembly	Buchanan Events Room	VP of Admin. Services / Instit. Effective.		48	1152	Has movable partition, can accommodate > 48, has 2 exits
122	685	Meeting Room Service / Kitchenette	Buchanan Events Room	VP of Admin. Services / Instit. Effective.			230	Has 3 compartment sink 2'-6" aff
124	665	Merchandising Service/ Storage	LCC Bookstore	VP of Admin. Services / Instit. Effective.			441	
125	750	Central Service / Assoc. Fac. Mail	Facilities	VP of Admin. Services / Instit. Effective.			55	
125A	755	Central Service Support / Storage	Facilities	VP of Admin. Services / Instit. Effective.			40	NOT ACCESSED
126	750	Central Service / Mail Room	Facilities	VP of Admin. Services / Instit. Effective.			122	
128	310	Office / Admin. Services	Controller	VP of Admin. Services / Instit. Effective.	1		177	
129	315	Private Restroom	Controller	VP of Admin. Services / Instit. Effective.			30	
130	310	Office / Reception, Office	Business, Administrative Services	VP of Admin. Services / Instit. Effective.	1		168	
131	310	Office / Admin. Services	Cashier, Accounts Receivable - UPS Pickup	VP of Admin. Services / Instit. Effective.	1		110	
132	310	Office / Admin. Services	Accounts Payable	VP of Admin. Services / Instit. Effective.	1		160	
133	310	Office / Workstudy	Business, Administrative Services	VP of Admin. Services / Instit. Effective.	1		115	
134	310	Office / Admin. Services	Human Resources		1		187	
135	315	Office Service / Admin. Storage	Business, Administrative Services	VP of Admin. Services / Instit. Effective.			137	
204	210	Teaching Lab / Biology Lab	Biology	VP of Academic and Student Services		12	975	Incl. emerg. shower, eyewash; 4 fume hoods - old
205	310	Office / Faculty	Biology	VP of Academic and Student Services	1		140	
206	215	Lab Service/ Storage	Chemistry	VP of Academic and Student Services			100	
207	215	Lab Service/ Prep Room, Storage	Biology and Chemistry	VP of Academic and Student Services			463	Haz. Storage, interior Dutch doors
208	210	Teaching Lab / Chemistry Lab	Chemistry	VP of Academic and Student Services		16	1109	Incl. emerg. shower, eyewash; 4 fume hoods - old
209	210	Teaching Lab. / Chemistry, Geology, Env. Science, Renewable Energies	Chemistry, Geology, Env. Science, Renewable Energies	VP of Academic and Student Services		20	960	Incl. sink @ teacher station, 8 air drops, SMART proj., (confirm 32 max stations)
210	215	Lab Service/ Lab Prep, Storage	Chemistry, Geology	VP of Academic and Student Services			162	Incl. sink
214	310	Office / Faculty	Physical Science	VP of Academic and Student Services	1		198	
215	310	Office / Adjunct Faculty	Arts & Sciences	VP of Academic and Student Services	1		113	
216	310	Office / Adjunct Faculty	Arts & Sciences	VP of Academic and Student Services	1		147	

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
217	210	Teaching Lab / Biology, Anatomy, Sports & Fitness	Biology, Anatomy, Sports and Exercise Science	VP of Academic and Student Services		28 + 2	1125	Bio classroom, 28 bench seats + 2 arm tablet seats; gas cock locations not ideal
218	050	Inactive Teaching Lab	Chemistry	VP of Academic and Student Services			619	F2017 sched doesn't show this room sched for classes
219	210	Teaching Lab / Biology, Microbiology, Sports & Fitness	Biology, Microbiology, Sports and Exercise Science	VP of Academic and Student Services		24 + 4	994	Bio classroom; 24 bench seats + 4 arm tablet seats; gas cock locations not ideal
220	*X02*	*Janitor Closet*					*30*	*Not assignable, roof access*
223	050	Inactive					77	Room adjacent to Women's RR
224	215	Teaching Lab Service/ Storage	Agronomy, Animal Science	VP of Academic and Student Services			133	
225	215	Teaching Lab Service/ Storage	Agronomy, Animal Science	VP of Academic and Student Services			25	
226	210	Teaching Lab / Soils Lab	Agronomy, Animal Science	VP of Academic and Student Services		28	972	Casework incl. grow cabinets
Trustees Building ASF Total							**17,291**	excl Inactive
Trustees Building Gross GSF							**27,842**	
Classroom ASF Total								**920**
Classroom Service ASF Total								**165**
Teaching Lab ASF Total								**6,683**
Teaching Lab Service ASF Total								**883**
Office - Administrative/Staff ASF Total								**917**
Office - Faculty ASF Total								**837**
Office Service - Administrative/Staff ASF Total								**167**
Clinic								**2,541**
Clinic Service								**1,230**
Merchandising Service								**441**
Meeting Room								**1,152**
Meeting Room Service								**230**
Central Storage								**908**
Central Service								**177**
Central Service Support								**40**
Inactive ASF Total								**773**
Welding Shop								
101	210	Teaching Lab. / Welding Laboratory	Welding	VP of Academic and Student Services			3793	
102	110	Classroom	Welding	VP of Academic and Student Services		18	338	O/H projector, computer cart, windows overlook shop
103	310	Office / Faculty	Welding	VP of Academic and Student Services	2		125	
106	*X02*	*Janitor Closet*					*43*	*Not assignable*
Welding Shop Building ASF Total							**4,256**	
Welding Shop Building Gross GSF							**4,800**	
Classroom ASF Total								**338**
Teaching Lab ASF Total								**3,793**
Office - Faculty ASF Total								**125**
Storage Shed (West of Welding Shop)								
	780	Unit Storage / Storage	Renewable Energies	VP of Academic and Student Services			69	Not listed in Risk Management
Storage Shed Building ASF Total							**69**	
Storage Shed Building Gross GSF							**80**	
Unit Storage ASF Total								**69**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Storage Container (Southwest of Welding Shop)								
	730	Central Storage / Storage Container	Faciilties	VP of Admin. Services & Institutional Effect.			303	Not listed in Risk Management
Storage Container Building ASF Total							**303**	
Storage Shed Building Gross GSF							**400**	
Central Storage ASF Total								**303**
Wellness Center								
001	520	Ath.-P.E. / Gymnasium	Athletic Department	VP of Admin. Services & Institutional Effect.			13225	1,300 posted max. occupant load; ASF incl. spectator seating
002	525	Ath. or P.E. Serv./ Wom. Lockers (Home)	Athletic Department	VP of Admin. Services & Institutional Effect.			262	
002A	525	Ath. or P.E. Serv./ Wom. Showers (Home)	Athletic Department	VP of Admin. Services & Institutional Effect.			111	
003	210	Teaching Lab / Training Room	Sports and Exercise Science / Athletic Dept.	VP of Academic and Student Services	1		408	Incl. 3 taping tables, one (1) workstation, W/D, storage
004	525	Ath. or P.E. Serv./ Men Lockers (Home)	Athletic Department	VP of Admin. Services & Institutional Effect.			288	
004A	525	Ath. or P.E. Serv./ Men Showers (Home)	Athletic Department	VP of Admin. Services & Institutional Effect.			115	
007	650	Lounge	Athletic Department	VP of Admin. Services & Institutional Effect.			216	
008	525	Ath. Serv. / Wom. Coach Shower, RR	Athletic Department	VP of Admin. Services & Institutional Effect.			66	Private Bathroom
009	525	Ath. Serv. / Wom. Coaches Lockers	Athletic Department	VP of Admin. Services & Institutional Effect.			60	
010	525	Ath. Serv. / Men's Coach Shower, RR	Athletic Department	VP of Admin. Services & Institutional Effect.			80	Private Bathroom
011	525	Ath. Serv. / Men's Coaches Lockers	Athletic Department	VP of Admin. Services & Institutional Effect.			83	
013	660	Merchandising / Concession	Athletic Department	VP of Admin. Services & Institutional Effect.			306	
014	665	Merch. Service / Storage	Athletic Department	VP of Admin. Services & Institutional Effect.			65	
016	*X01*	*Custodial Supply Closet*					*44*	*Not assignable*
019		*Elevator Machine Room*						*Not assignable*
020	*X01*	*Custodial Supply Closet*					*90*	*Not assignable*
022	*Y04*	*Utility / Electrical Room*						*Not assignable*
023	*Y04*	*Mechanical Room*						*Not assignable*
024	*Y03*	*Mechanical Area Well*						*Not assignable*
026	*Y04*	*Utility / MDF, Electrical Room*					*55*	*Not assignable*
027	525	Ath.-P.E. Service / Storage	Athletic Department	VP of Admin. Services & Institutional Effect.			551	
028	525	Ath.-P.E. Service / Storage	Athletic Department	VP of Admin. Services & Institutional Effect.			530	
102	525	Ath. Serv. / Men's Lockers (Gen. Public)	Wellness Center	VP of Admin. Services & Institutional Effect.			401	
102A	525	Ath. Serv./ Men's Showers (Gen. Public)	Wellness Center	VP of Admin. Services & Institutional Effect.			60	
103	525	Men's Visitor Locker Room	Athletic Department	VP of Admin. Services & Institutional Effect.			171	
105	525	Ath. Serv. / Wom. Lockers (Gen. Public)	Wellness Center	VP of Admin. Services & Institutional Effect.			401	
105A	525	Ath. Serv./ Wom. Showers (Gen. Public)	Wellness Center	VP of Admin. Services & Institutional Effect.			60	
106	525	Women's Visitor Locker Room	Athletic Department	VP of Admin. Services & Institutional Effect.			171	
107	050	Inactive reception area					124	Reception counter
108	315	Office Service / Athletic Storage, Cust. Stor.	Athletic Department, Facilities	VP of Admin. Services & Institutional Effect.			88	Roof access
109	310	Office / Fitness Coord., Wellness Coord.	Wellness Center	VP of Admin. Services & Institutional Effect.	2		115	
110	310	Office / Coach Staff	Athletic Department	VP of Admin. Services & Institutional Effect.	2		115	
112	310	Office / Coach Staff	Athletic Department	VP of Admin. Services & Institutional Effect.	1		117	shared by 2 ath. coaches
113	310	Office / Faculty, Coach Staff	Sports and Exercise Science / Athletic Dept.	VP of Academic and Student Services, VP of Admin. Services & Instutional Effect.	2		120	
114	315	Office Service / Waiting Area	Athletic Department	VP of Admin. Services & Institutional Effect.			134	copier machine, seating
114A	650	Lounge / General		VP of Admin. Services & Institutional Effect.			63	
114B	620	Exhibition / Athletic Awards Display	Athletic Department	VP of Admin. Services & Institutional Effect.			34	
114C	660	Merchandising / Vending Machine		VP of Admin. Services & Institutional Effect.			12	
116	310	Office / Coach Staff	Athletic Department	VP of Admin. Services & Institutional Effect.	1		111	
117	310	Office / Coach Staff	Athletic Department	VP of Admin. Services & Institutional Effect.	1		117	
118	310	Office / Coach Staff	Athletic Department	VP of Admin. Services & Institutional Effect.	2		117	
119	310	Office / Coach Staff	Athletic Department	VP of Admin. Services & Institutional Effect.	2		124	
121	350	Conference Room / Athletics Conf. Room	Athletic Department	VP of Admin. Services & Institutional Effect.	10		298	10 seat table, coffee bar, sink
122	310	Office / Athletic Director's Office	Athletic Department	VP of Admin. Services & Institutional Effect.	1		201	
123	850	Exam. Clinic / Exam Room #1	High Plains Clinic	VP of Admin. Services & Institutional Effect.			106	1 exam table

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
124	310	Office / Reception, Patient Processing	High Plains Clinic	VP of Admin. Services & Institutional Effect.	4		129	
125	880	Public Waiting / Waiting Room, Circulation	High Plains Clinic	VP of Admin. Services & Institutional Effect.			264	
126	310	Office / Clinic Office	High Plains Clinic	VP of Admin. Services & Institutional Effect.	1		57	No exterior window
127	315	Office Service / Patient RR	High Plains Clinic	VP of Admin. Services & Institutional Effect.			96	Access from inside and outside clinic
128	850	Exam Clinic / Exam Room #2	High Plains Clinic	VP of Admin. Services & Institutional Effect.			103	1 exam table
129	850	Exam Clinic / Exam Room #3	High Plains Clinic	VP of Admin. Services & Institutional Effect.			98	1 exam table
130	855	Exam. Clinic Service / Supply Room	High Plains Clinic	VP of Admin. Services & Institutional Effect.			93	Elect. panel, roof access
132	520	Athletic or P.E. / Aerobics	Wellness Center, Sports and Exercise, Athletic Department	VP of Academic and Student Services, VP of Admin. Services & Institutional Effect.			572	Space is scheduled for Sports and Exercise program, Wellness, & Athletics; incl. sink, casework
133	520	Athletic or P.E. / Weight and Cardio Room	Wellness Center, Athletic Department	VP of Admin. Services & Institutional Effect.			1981	Incl. reception workstation (1) and lounge area
134	520	Athletic or P.E. / Indoor Track (North)	Wellness Center	VP of Admin. Services & Institutional Effect.			987	
135	520	Athletic or P.E. / Indoor Track (West)	Wellness Center	VP of Admin. Services & Institutional Effect.			995	
136	520	Athletic or P.E. / Indoor Track (South)	Wellness Center	VP of Admin. Services & Institutional Effect.			1235	
136A	525	Athletic or P.E. Service / Closet	Wellness Center, Athletic Department	VP of Admin. Services & Institutional Effect.			6	
136B	530	Media Production / Announcer's Booth	Athletic Department	VP of Admin. Services & Institutional Effect.	3		30	
136A	525	Athletic or P.E. Service / Closet	Wellness Center, Athletic Department	VP of Admin. Services & Institutional Effect.			6	
137	520	Athletic or P.E. / Indoor Track (East)	Wellness Center	VP of Admin. Services & Institutional Effect.			902	
140	525	Athletic or P.E. / Storage	Wellness Center	VP of Admin. Services & Institutional Effect.			148	Roof access
Wellness Center Building ASF Total							**27,204**	excludes Inactive
Wellness Center Building Gross GSF							**38,388**	

Teaching Lab ASF Total	**408**
Office - Administrative/Staff ASF Total	**1,203**
Office - Faculty ASF Total	**120**
Office Service - Administrative/Staff ASF Total	**318**
Conference Room - Administrative/Staff ASF Total	**298**
Athletic or P.E. ASF Total	**19,897**
Athletic or P.E. Service ASF Total	**3,570**
Media Production ASF Total	**30**
Exhibition ASF Total	**34**
Lounge ASF Total	**279**
Merchandising ASF Total	**318**
Merchandising Service ASF Total	**65**
Exam Clinic ASF Total	**307**
Exam Clinic Service ASF Total	**93**
Public Waiting ASF Total	**264**
Inactive ASF Total	**124**

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
Lamar Community College Campus ASF Totals							**183,905**	**ASF**
Lamar Community College Campus GSF Totals							**269,079**	**GSF**
100 Classroom Facilities								
110		Classroom ASF Campus Total					15,025	
115		Classroom Service ASF Campus Total					240	
200 Laboratory Facilities								
210		Teaching Laboratory ASF Campus Total					40,135	
215		Teaching Laboratory Service ASF Campus Total					2,528	
220		Open Laboratory ASF Campus Total					1,636	
300 Office Facilities								
310		Office - Administrative/Staff ASF Campus Total					8,986	
310		Office - Faculty ASF Campus Total					3,848	
315		Office Service - Administrative/Staff ASF Campus Total					2,587	
315		Office Service - Faculty ASF Campus Total					63	
350		Conference Room - Administrative/Staff ASF Campus Total					985	
350		Conference Room - Faculty ASF Campus Total					759	
400 Study Facilities								
430		Open Stack Study Room ASF Campus Total					2,969	
440		Processing Room ASF Campus Total					232	
500 Special Use Facilities								
520		Athletic or Physical Education ASF Campus Total					22,200	
523		Athletic Facilities Spectator Seating ASF Campus Total					240	
525		Athletic Service ASF Campus Total					3,570	
530		Media Production ASF Campus Total					71	
540		Clinic ASF Campus Total					2,541	
545		Clinic Service ASF Campus Total					1,230	
560		Field Building ASF Campus Total					13,799	
570		Animal Facility ASF Campus Total					11,063	
600 General Use								
620		Exhibition ASF Campus Total					34	
630		Food Service ASF Campus Total					2,297	
635		Food Service Service ASF Campus Total					1,676	
650		Lounge ASF Campus Total					2,457	
660		Merchandising ASF Campus Total					1,529	
665		Merchandising Service ASF Campus Total					506	
670		Recreation ASF Campus Total					1,850	
680		Meeting Room ASF Campus Total					1,961	
685		Meeting Room Service ASF Campus Total					338	
700 Support Facilities								
710		Central Computer / Telecommunications ASF Campus Total					245	
715		Central Computer / Telecommunications Service ASF Campus Total					121	
720		Central Shop ASF Campus Total					1,001	
725		Central Shop Service ASF Campus Total					646	
730		Central Storage ASF Campus Total					2,727	
750		Central Service ASF Campus Total					177	
755		Central Service Service ASF Campus Total					40	
780		Unit Storage ASF Campus Total					284	

Room ID	Room Use Code	Room Type / Room Name	Department	College / Administrative Unit	Office Station Count	Student-Specific Station Count	ASF	Comments
800 Health Care Facilities								
850		Exam Clinic ASF Campus Total					307	
855		Exam Clinic Service ASF Campus Total					93	
880		Public Waiting ASF Campus Total					264	
900 Residential Facilities								
910		Sleep/Study w/o Toilet or Bath ASF Campus Total					22,134	
919		Toilet or Bath ASF Campus Total					2,602	
920		Sleep/Study w/ Toilet or Bath ASF Campus Total					3,889	
935		Sleep/Study Service ASF Campus Total					1,447	
950		Apartment ASF Campus Total					573	
Inactive Areas								
050		Inactive Area ASF Campus Total					3,709	

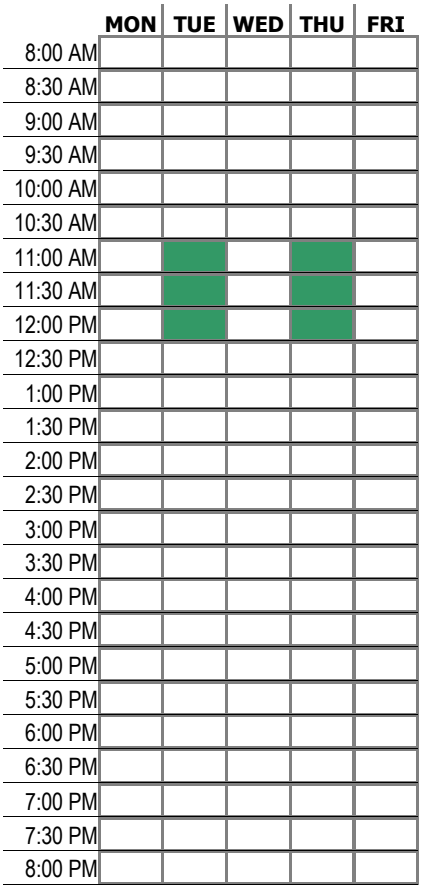
V.E. CLASSROOM UTILIZATION ANALYSIS BY ROOM – PAULIEN & ASSOCIATES

Betz Building • LBZ 120

Space Use Code: *Classroom*

Department: **Construction Trades / Renewable Energies**

Weekly Room Hours:	**3**	Weekly Student Contact Hours:	**42**
Hours in Use Student Station Occupancy:	**82%**	Average Enrollment:	**14**
Assignable Sq.Ft. / Station:	**34**	Capacity:	**17**
		Assignable Square Feet	**578**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
11:00 AM	12:15 PM	TR	OSH 126 1	30-HR Construction Industry Standard	LEC	3	14	3	14	42	82%

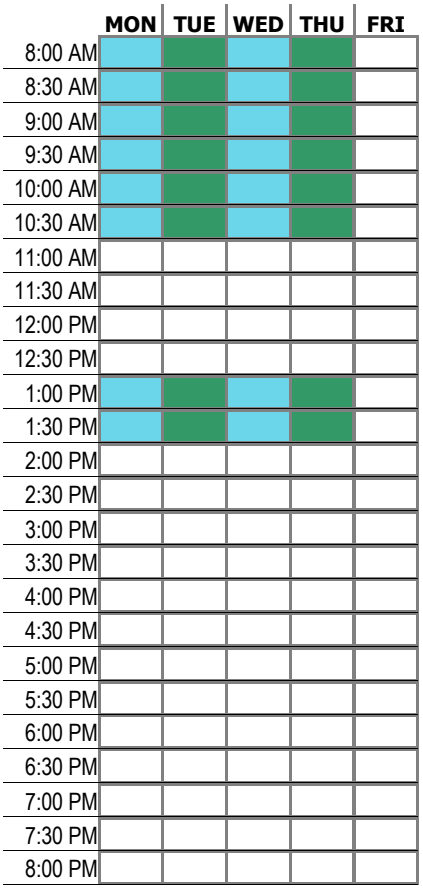
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 130

Space Use Code: *Classroom*

Department: **Online Learning**

Weekly Room Hours:	**15**	Weekly Student Contact Hours:	**169**
Hours in Use Student Station Occupancy:	**80%**	Average Enrollment:	**11**
Assignable Sq.Ft. / Station:	**28**	Capacity:	**14**
		Assignable Square Feet	**394**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	8:55 AM	MTWR	SOC 101 DL1	Introduction to Sociology I: GT-SS3	LEC	4	24	4	24	96	171%
9:00 AM	9:50 AM	MTWR	GEO 105 DL1	World Regional Geography: GT-SS2	LEC	4	5	4	5	20	36%
9:57 AM	10:49 AM	MTWR	POS 111 DL1	American Government: GT-SS1	LEC	3.5	10	3.5	10	35	71%
1:07 PM	2:00 PM	MTWR	HIS 101 DL1	Western Civilization: Antiquity-1650:	LEC	3.5	5	3.5	5	18	36%

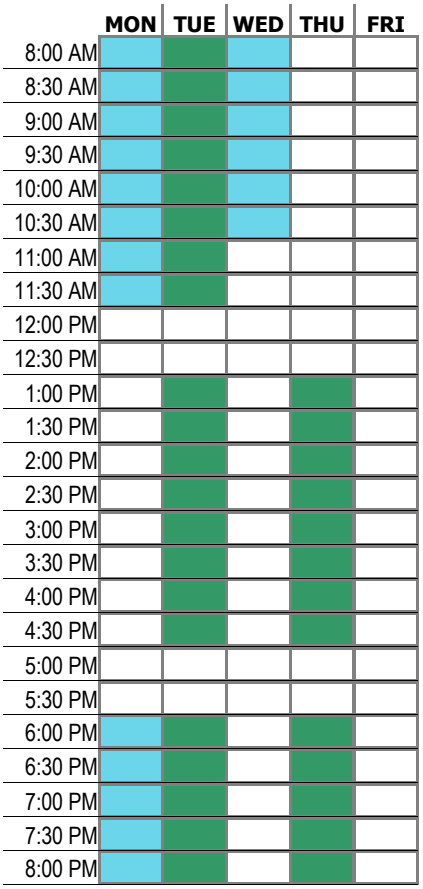
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 201

Space Use Code: *Classroom*

Department: **Nursing**

Weekly Room Hours:	**25**	Weekly Student Contact Hours:	**457**
Hours in Use Student Station Occupancy:	**55%**	Average Enrollment:	**14**
Assignable Sq.Ft. / Station:	**32**	Capacity:	**34**
		Assignable Square Feet	**1.098**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	12:00 PM	MT	NUR 109 1	Fundamentals of Nursing	LEC	8	26	8	26	208	76%
8:00 AM	11:00 AM	W	NUR 112 2	Basic Concepts of Pharmacology	LEC	3	25	3	25	75	74%
1:00 PM	5:00 PM	R	HPR 103 1	CPR for Professionals Renewal	LEC	0.3	11	0.3	11	3	32%
1:00 PM	5:00 PM	T	HPR 103 2	CPR for Professionals Renewal	LEC	0.3	3	0.3	3	1	9%
1:00 PM	4:00 PM	T	MAT 103 HY4	Math for Clinical Calculations	LEC	3	17	3	17	51	50%
6:00 PM	9:30 PM	MTR	EMS 123 1	EMT Trauma Emergencies	LEC	1.3	12	1.3	12	16	35%
6:00 PM	9:30 PM	MTR	EMS 124 1	EMT Special Considerations	LEC	2	12	2	12	24	35%
6:00 PM	9:30 PM	MTR	EMS 121 1	EMT Fundamentals	LEC	3.3	12	3.3	12	40	35%
6:00 PM	9:30 PM	MTR	EMS 122 1	EMT Medical Emergencies	LEC	3.3	12	3.3	12	40	35%

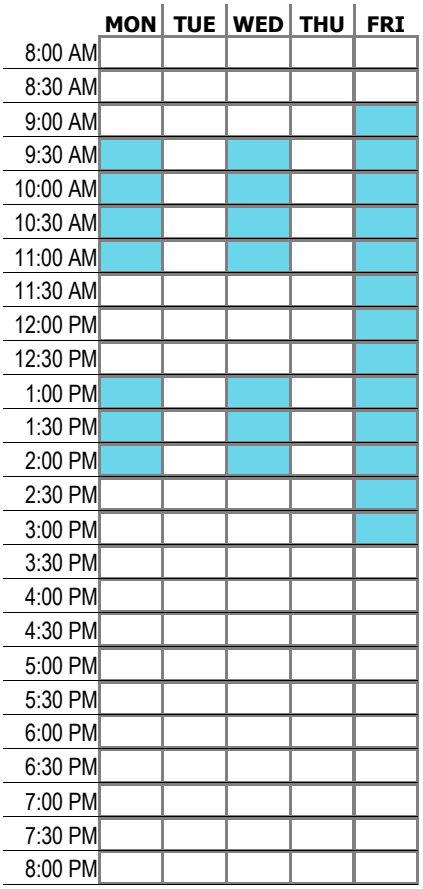
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 229

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**7**	Weekly Student Contact Hours:	**145**
Hours in Use Student Station Occupancy:	**70%**	Average Enrollment:	**17**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**28**
		Assignable Square Feet	**634**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	3:15 PM	F	AGR 100 1	Freshman Ag. Orientation	LEC	0.4	17	0.4	17	7	61%
9:30 AM	10:45 AM	MW	MAT 107 1	Career Math (Ag)	LEC	3	22	3	22	66	79%
10:46 AM	11:11 AM	MW	MAT 91 107	Career Math Lab (107)	LEC	1	9	1	9	9	32%
1:00 PM	2:15 PM	MW	AGE 102 1	Agriculture Economics:GT-SS1	LEC	3	21	3	21	63	75%

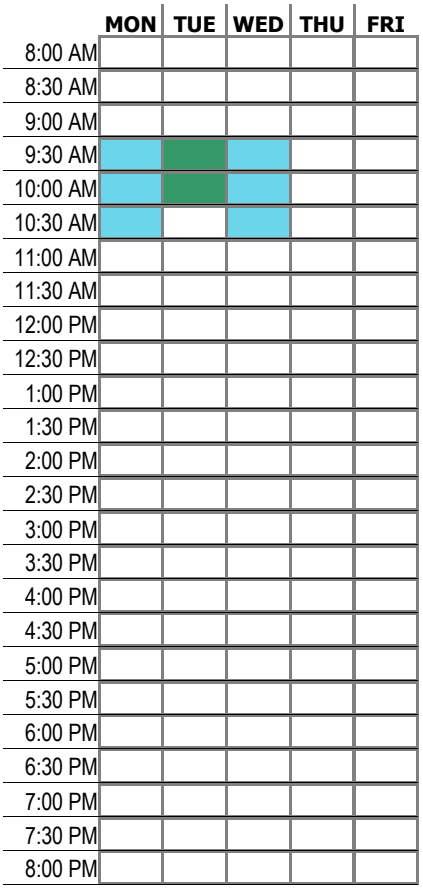
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 243

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**4**	Weekly Student Contact Hours:	**33**
Hours in Use Student Station Occupancy:	**29%**	Average Enrollment:	**9**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**28**
		Assignable Square Feet	**655**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:30 AM	10:45 AM	MW	ART 110 1	Art Appreciation GT-AH1	LEC	3	8	3	8	24	29%
9:30 AM	10:20 AM	T	VET 140 HY1	Veterinary Science I	LEC	1	9	1	9	9	32%

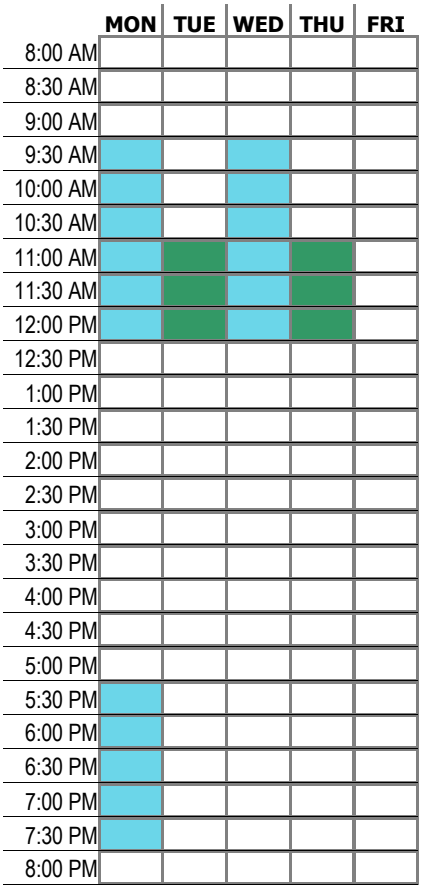
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 128

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**12**	Weekly Student Contact Hours:	**243**
Hours in Use Student Station Occupancy:	**84%**	Average Enrollment:	**20**
Assignable Sq.Ft. / Station:	**22**	Capacity:	**24**
		Assignable Square Feet	**537**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:30 AM	10:45 AM	MW	ENG 121 5	English Composition I: GT-CO1	LEC	3	24	3	24	72	100%
11:00 AM	12:15 PM	MW	ENG 122 2	English Composition II: GT-CO2	LEC	3	26	3	26	78	108%
11:00 AM	12:15 PM	TR	CRJ 110 1	Introduction to Criminal Justice: SS3	LEC	3	20	3	20	60	83%
5:30 PM	8:00 PM	M	ENG 122 1	English Composition II: GT-CO2	LEC	3	11	3	11	33	46%

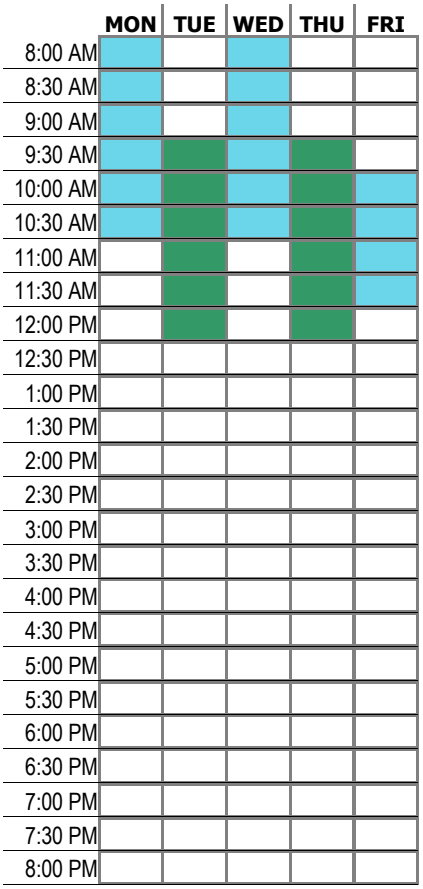
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 138

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**12**	Weekly Student Contact Hours:	**334**
Hours in Use Student Station Occupancy:	**46%**	Average Enrollment:	**24**
Assignable Sq.Ft. / Station:	**21**	Capacity:	**58**
		Assignable Square Feet	**1.224**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:15 AM	MW	COM 115 2	Public Speaking	LEC	3	28	3	28	84	48%
9:30 AM	10:45 AM	MW	COM 115 1	Public Speaking	LEC	3	24	3	24	72	41%
9:30 AM	10:45 AM	TR	HIS 121 1	US History to Reconstruction: HI1	LEC	3	29	3	29	87	50%
10:00 AM	12:00 PM	RFS	AAA 101 1	College 101: The Student Experience	LEC	0.4	11	0.4	11	4	19%
11:00 AM	12:15 PM	TR	BUS 226 1	Business Statistics	LEC	3	18	3	29	87	50%
11:00 AM	12:15 PM	TR	MAT 135 1	Introduction to Statistics: GT-MA1	LEC	3	11				

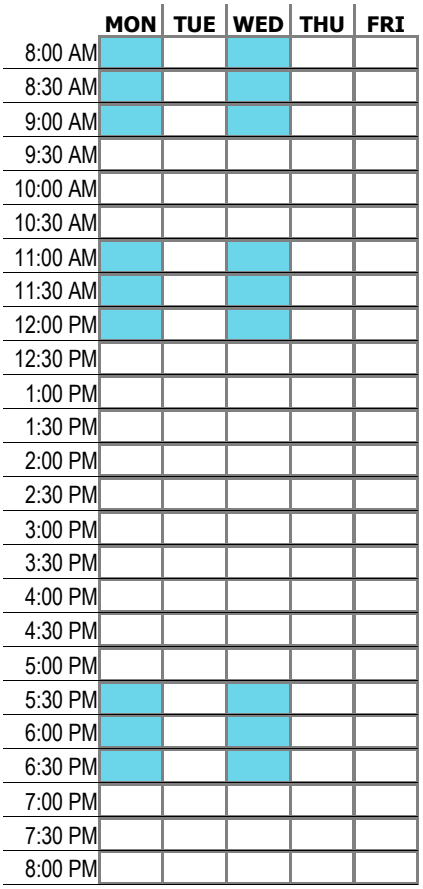
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 150

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**9**	Weekly Student Contact Hours:	**120**
Hours in Use Student Station Occupancy:	**56%**	Average Enrollment:	**13**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**24**
		Assignable Square Feet	**541**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:15 AM	MW	GEO 105 1	World Regional Geography: GT-SS2	LEC	3	13	3	13	39	54%
11:00 AM	12:15 PM	MW	HIS 101 1	Western Civilization: Antiquity-1650:	LEC	3	15	3	15	45	63%
5:30 PM	6:45 PM	MW	HIS 225 HY1	Colorado History:GT-HI1	LEC	3	12	3	12	36	50%

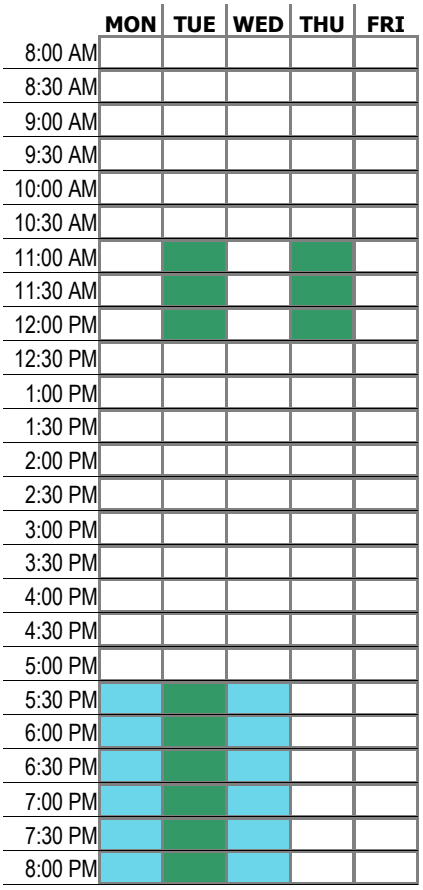
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 219

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**12**	Weekly Student Contact Hours:	**177**
Hours in Use Student Station Occupancy:	**61%**	Average Enrollment:	**15**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**24**
		Assignable Square Feet	**545**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
11:00 AM	12:15 PM	TR	COM 115 4	Public Speaking	LEC	3	24	3	24	72	100%
5:30 PM	7:10 PM	MW	MAT 55 00E	Algebraic Literacy	LEC	4	7	4	7	28	29%
5:31 PM	8:01 PM	T	COM 115 3	Public Speaking	LEC	3	23	3	23	69	96%
7:11 PM	8:01 PM	MW	MAT 25 00E	Algebraic Literacy Lab	LEC	2	4	2	4	8	17%

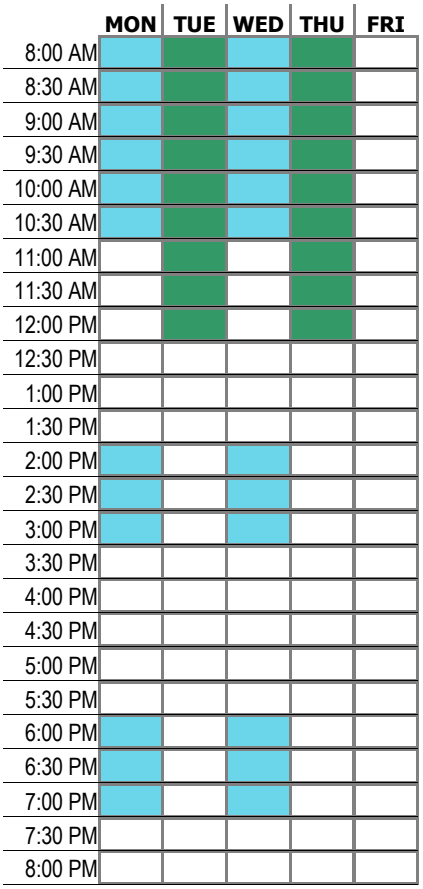
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 220

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**21**	Weekly Student Contact Hours:	**288**
Hours in Use Student Station Occupancy:	**57%**	Average Enrollment:	**13**
Assignable Sq.Ft. / Station:	**22**	Capacity:	**24**
		Assignable Square Feet	**539**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	8:50 AM	MTWR	MAT 121 00A	College Algebra: GT-MA1	LEC	4	19	4	19	76	79%
8:51 AM	9:16 AM	MTWR	MAT 93 00A	Algebra Lab	LEC	2	1	2	1	2	4%
9:30 AM	10:45 AM	MW	HUM 121 1	Humanities: Early Civilization :GT-AH	LEC	3	19	3	19	57	79%
9:30 AM	10:45 AM	TR	LIT 115 1	Introduction to Literature I: GT-AH2	LEC	3	10	3	10	30	42%
11:00 AM	12:15 PM	TR	ART 111 1	Art History Ancient to Medieval: GT-A	LEC	3	10	3	10	30	42%
2:00 PM	3:15 PM	MW	PSY 235 1	Human Growth and Development: GT	LEC	3	23	3	23	69	96%
6:00 PM	7:15 PM	MW	PSY 235 3	Human Growth & Development: GT-S	LEC	3	8	3	8	24	33%

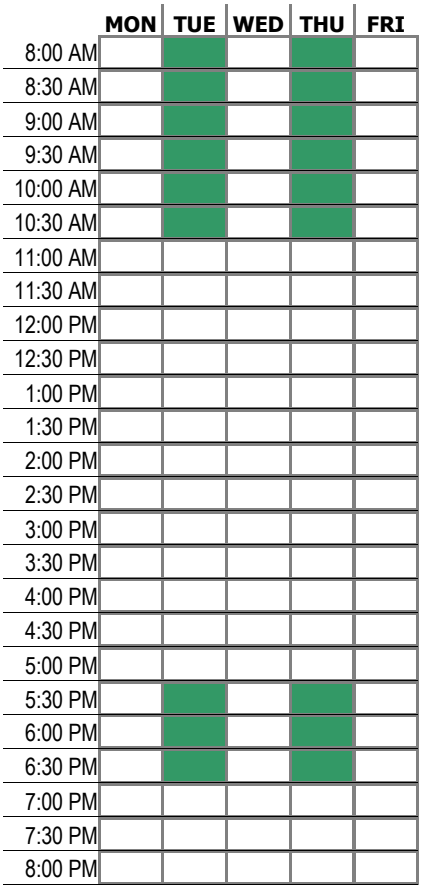
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 221

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**9**	Weekly Student Contact Hours:	**201**
Hours in Use Student Station Occupancy:	**93%**	Average Enrollment:	**22**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**24**
		Assignable Square Feet	**541**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:15 AM	TR	PHI 112 1	Ethics: GT-AH3	LEC	3	22	3	22	66	92%
9:30 AM	10:45 AM	TR	PHI 111 1	Introduction to Philosophy: GT-AH3	LEC	3	19	3	19	57	79%
5:30 PM	6:45 PM	TR	MUS 120 1	Music Appreciation: AH1	LEC	3	26	3	26	78	108%

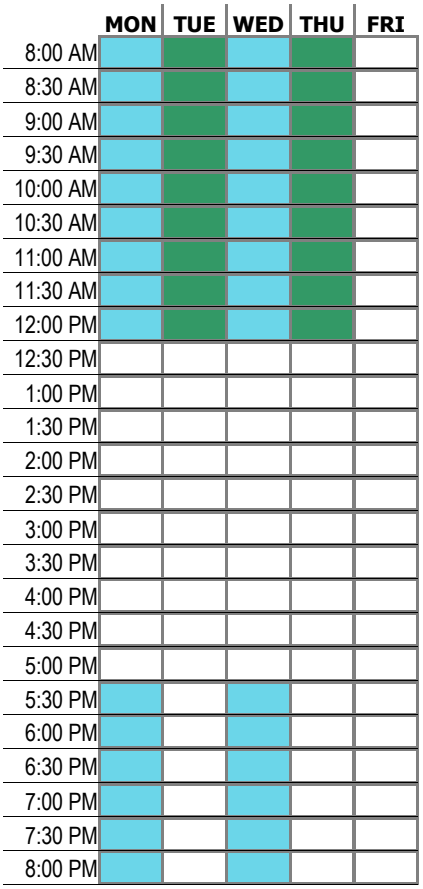
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 222

Space Use Code: *Classroom*

Department: **Math**

Weekly Room Hours:	**24**	Weekly Student Contact Hours:	**394**
Hours in Use Student Station Occupancy:	**70%**	Average Enrollment:	**15**
Assignable Sq.Ft. / Station:	**22**	Capacity:	**24**
		Assignable Square Feet	**535**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	8:50 AM	MTWR	MAT 120 DL1	Mathematics for the Liberal Arts: GT-	LEC	4	11	4	11	44	46%
8:51 AM	9:13 AM	MTWR	MAT 92 1	Quant Lab	LEC	1.5	1	1.5	1	2	4%
9:19 AM	10:09 AM	MTWR	MAT 55 00B	Algebraic Literacy	LEC	4	20	4	20	80	83%
10:10 AM	10:35 AM	MTWR	MAT 25 00B	Algebraic Literacy Lab	LEC	2	13	2	13	26	54%
10:55 AM	11:45 AM	MTWR	MAT 50 00C	Quantitative Literacy	LEC	4	25	4	25	100	104%
11:46 AM	12:11 PM	MTWR	MAT 20 00C	Quantitative Literacy Lab	LEC	2	13	2	13	26	54%
5:30 PM	7:10 PM	MW	MAT 50 00D	Quantitative Literacy	LEC	4	23	4	23	92	96%
7:11 PM	8:01 PM	MW	MAT 20 00D	Quantitative Literacy Lab	LEC	2	12	2	12	24	50%

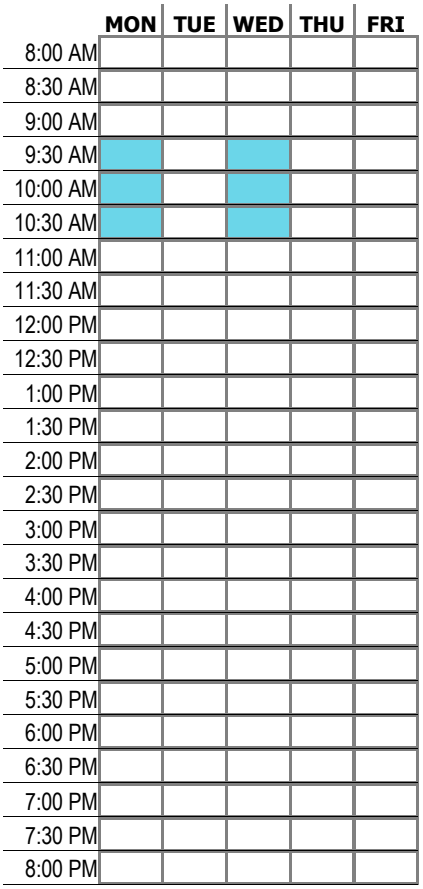
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 232

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**3**	Weekly Student Contact Hours:	**39**
Hours in Use Student Station Occupancy:	**54%**	Average Enrollment:	**13**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**24**
		Assignable Square Feet	**545**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:30 AM	10:45 AM	MW	ENG 121 6	English Composition I: GT-CO1	LEC	3	13	3	13	39	54%

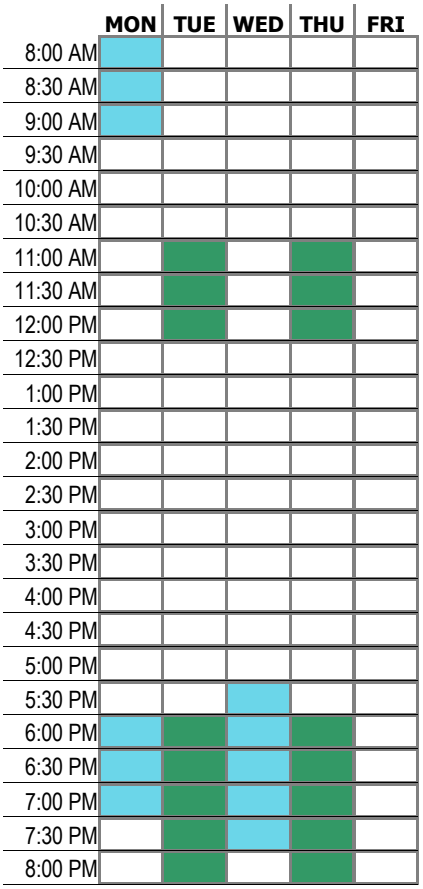
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 233

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**15**	Weekly Student Contact Hours:	**198**
Hours in Use Student Station Occupancy:	**55%**	Average Enrollment:	**15**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**24**
		Assignable Square Feet	**543**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:15 AM	M	ENG 121 1	English Composition I: GT-CO1	LEC	1.5	24	1.5	24	36	100%
11:00 AM	12:15 PM	TR	THE 105 1	Theatre Appreciation: GT-AH1	LEC	3	12	3	12	36	50%
5:30 PM	8:00 PM	W	COM 125 1	Interpersonal Communication	LEC	3	10	3	10	30	42%
6:00 PM	7:15 PM	M	ENG 121 2	English Composition I: GT-CO1	LEC	1.5	20	1.5	20	30	83%
6:00 PM	7:15 PM	TR	CRJ 135 1	Judicial Function	LEC	3	14	3	14	42	58%
7:16 PM	8:31 PM	TR	CRJ 125 1	Policing Systems	LEC	3	8	3	8	24	33%

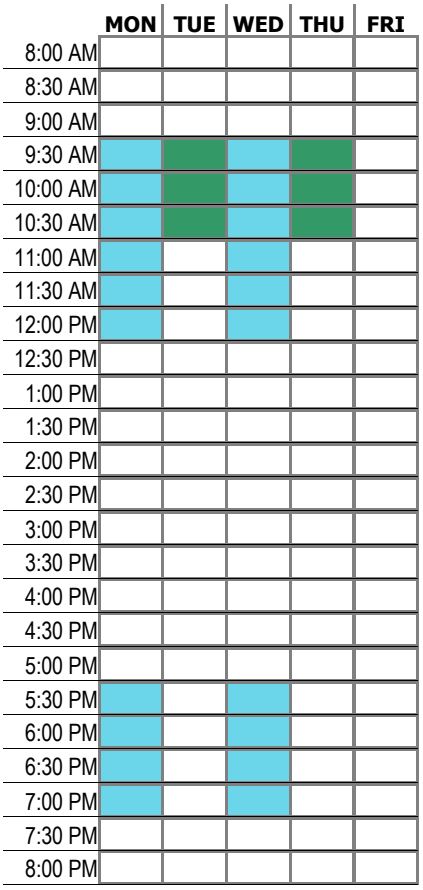
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 234

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**13**	Weekly Student Contact Hours:	**156**
Hours in Use Student Station Occupancy:	**50%**	Average Enrollment:	**12**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**24**
		Assignable Square Feet	**541**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:30 AM	10:45 AM	MW	PSY 217 1	Human Sexuality: GT-SS3	LEC	3	6	3	6	18	25%
9:30 AM	10:45 AM	TR	SOC 205 1	Sociology Of Family Dynamics: GT-S	LEC	3	13	3	13	39	54%
11:00 AM	12:15 PM	MW	PSY 101 2	General Psychology I: GT-SS3	LEC	3	17	3	17	51	71%
5:30 PM	7:10 PM	MW	MAT 121 1	College Algebra: GT-MA1	LEC	4	12	4	12	48	50%

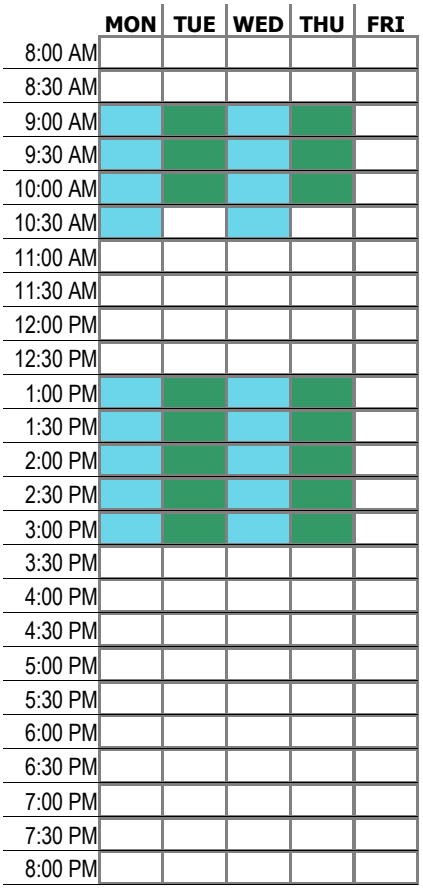
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Bowman Building (West) • LBW 235

Space Use Code: *Classroom*

Department: **Distance Learning -Math Lab, Human Growth & Develo**

Weekly Room Hours:	**13**	Weekly Student Contact Hours:	**92**
Hours in Use Student Station Occupancy:	**71%**	Average Enrollment:	**7**
Assignable Sq.Ft. / Station:	**55**	Capacity:	**10**
		Assignable Square Feet	**552**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:14 AM	10:16 AM	MTWR	MAT 108 1	Technical Mathematics	LEC	4.1	8	4.1	8	33	80%
10:17 AM	10:42 AM	MW	MAT 91 108	Applied Quant Lab (MAT 108)	LEC	1	6	1	6	6	60%
1:00 PM	2:05 PM	MTWR	MAT 201 DL1	Calculus I: GT-MA1	LEC	4.3	5	4.3	5	22	50%
2:10 PM	3:02 PM	MTWR	ENG 121 DL1	English Composition I: GT-CO1	LEC	3.5	9	3.5	9	32	90%

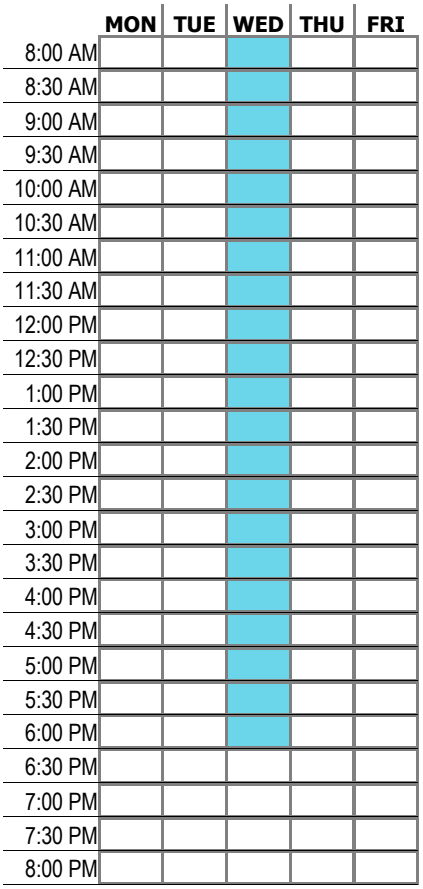
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Trustees Building • LTR 114

Space Use Code: *Classroom*

Department: **General Classroom**

Weekly Room Hours:	**4**	Weekly Student Contact Hours:	**123**
Hours in Use Student Station Occupancy:	**83%**	Average Enrollment:	**34**
Assignable Sq.Ft. / Station:	**23**	Capacity:	**40**
		Assignable Square Feet	**920**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	6:30 PM	W	NUR 206 1	Advanced Concepts of Medical-Surgic	LEC	0.7	34	0.7	34	24	85%
8:00 AM	11:00 AM	W	NUR 212 1	Pharmacology II	LEC	3	33	3	33	99	83%

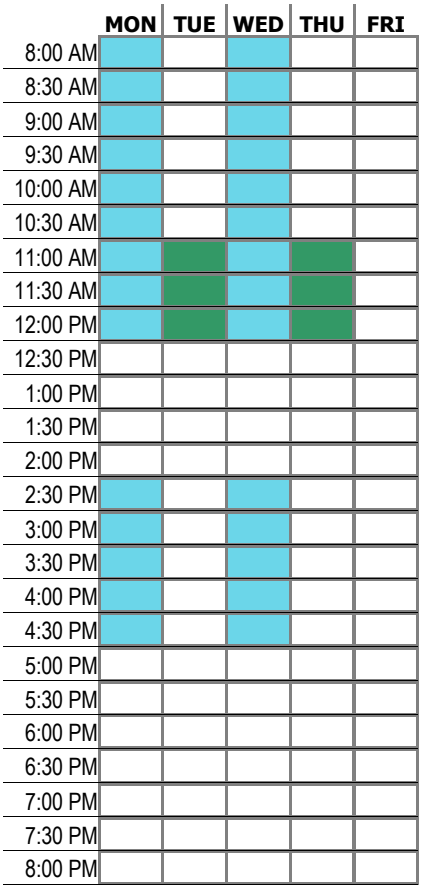
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Trustees Building • LTR 209

Space Use Code: *Classroom*

Department: **Chemistry, Geology, Env. Science, Renewable Energies**

Weekly Room Hours:	**15**	Weekly Student Contact Hours:	**137**
Hours in Use Student Station Occupancy:	**47%**	Average Enrollment:	**9**
Assignable Sq.Ft. / Station:	**48**	Capacity:	**20**
		Assignable Square Feet	**960**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:45 AM	9:45 AM	MW	CHE 101 1	Introduction to Chemistry I with Lab:	LEC	4	6	4	6	24	30%
9:50 AM	10:50 AM	MW	CHE 111 1	General College Chemistry I with Lab:	LEC	2	9	2	9	18	45%
11:10 AM	12:15 PM	MTWR	GEY 111 1	Physical Geology with Lab: GT-SC1	LEC	4.3	13	4.3	13	56	65%
2:30 PM	4:39 PM	MW	PHY 107 1	Energy Science & Technology with La	LEC	4.3	9	4.3	9	39	45%

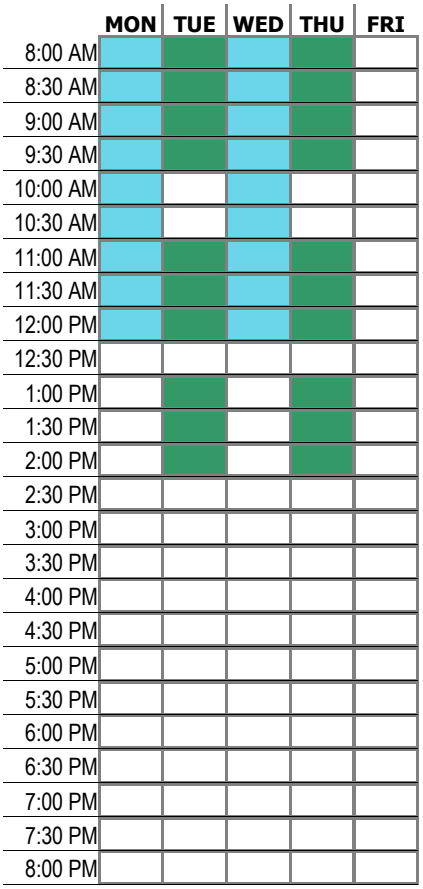
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Trustees Building • LTR 217

Space Use Code: *Classroom*

Department: **Biology, Anatomy, Sports and Exercise Science**

Weekly Room Hours:	**21**	Weekly Student Contact Hours:	**319**
Hours in Use Student Station Occupancy:	**51%**	Average Enrollment:	**15**
Assignable Sq.Ft. / Station:	**38**	Capacity:	**30**
		Assignable Square Feet	**1,125**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:45 AM	9:50 AM	MW	BIO 201 1	Human Anatomy and Physiology I wit	LEC	5	13	5	13	65	43%
7:45 AM	9:50 AM	TR	BIO 202 1	Human Anatomy and Physiology II wit	LEC	5	4	5	4	20	13%
10:10 AM	12:15 PM	MW	BIO 201 2	Human Anatomy and Physiology I wit	LEC	5	27	5	27	135	90%
11:00 AM	12:15 PM	TR	BIO 116 1	Introduction to Human Disease: GT-S	LEC	3	10	3	10	30	33%
1:00 PM	2:15 PM	TR	HWE 100 1	Human Nutrition	LAB	3	23	3	23	69	77%

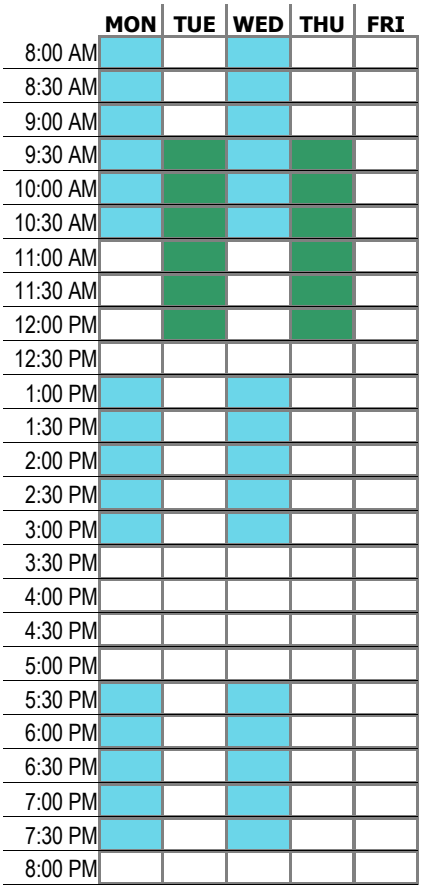
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Trustees Building • LTR 219

Space Use Code: *Classroom*

Department: **Biology**

Weekly Room Hours:	**22**	Weekly Student Contact Hours:	**417**
Hours in Use Student Station Occupancy:	**68%**	Average Enrollment:	**18**
Assignable Sq.Ft. / Station:	**36**	Capacity:	**28**
		Assignable Square Feet	**994**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	10:55 AM	MW	BIO 111 1	General College Biology I with Lab: G	LEC	5.8	28	5.8	28	162	100%
9:30 AM	10:45 AM	TR	HPE 231 1	Care and Prevention of Athletic Injurie	LAB	3	15	3	15	45	54%
11:00 AM	12:15 PM	TR	HWE 237 1	Exercise, Nutrition & Body Compositio	LAB	3	15	3	15	45	54%
1:00 PM	3:05 PM	MW	BIO 204 1	Microbiology with Lab: GT-SC1	LEC	5	12	5	12	60	43%
5:30 PM	7:35 PM	MW	BIO 105 1	Science of Biology with Lab: GT-SC1	LEC	5	21	5	21	105	75%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

V.F. CLASSROOM UTILIZATION GUIDELINES – PAULIEN & ASSOCIATES

Classroom Utilization Guidelines

Paulien State Guideline Study

- 36 states have some type of classroom utilization guidelines for community colleges
- Average of 33 Weekly Room Hours (WRH) at 65% Student Station Occupancy (SSO)
- Most Common Guidelines:
  - 32-38 WRH
  - 65% - 70% SSO
  - 22-25 ASF/Station

Classroom Guidelines

Weely Room Hours	Range	Student Station Occupancy	Range	ASF/Station	Range
55		85%		40	
50		80%		36	
45		75%		32	
40		70%		30	
35		65%	Median	28	
32	Median	60%		22	
30		55%		18	Median
25		50%		14	
20		45%		10	

V.G. LABORATORY UTILIZATION ANALYSIS BY ROOM – PAULIEN & ASSOCIATES

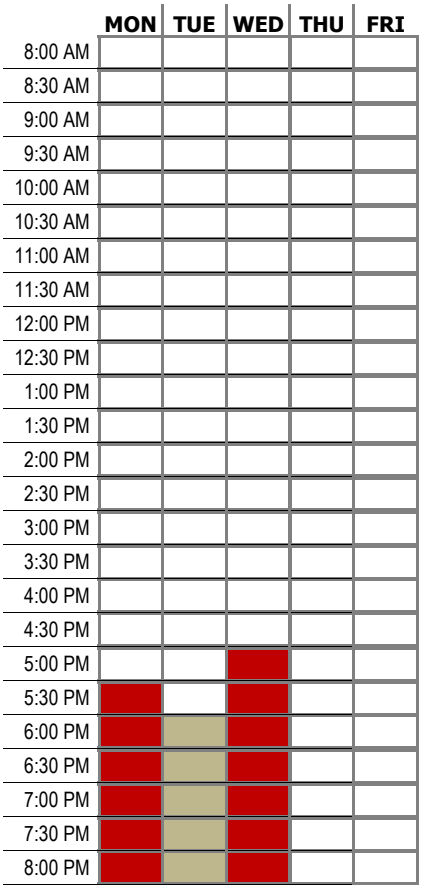
Scheduled Utilization

Betz Building • LBZ 100

Space Use Code: *Teaching Lab*

Department: **Arts, Innovate & Make Space**

Weekly Room Hours:	**11**	Weekly Student Contact Hours:	**83**
Hours in Use Student Station Occupancy:	**49%**	Average Enrollment:	**7**
Assignable Sq.Ft. / Station:	**70**	Capacity:	**15**
		Assignable Square Feet	**1.043**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
5:00 PM	9:10 PM	W	ART 121 1	Drawing I	LAB	4.20	8	4.20	10	42	67%
5:00 PM	9:10 PM	W	ART 221 1	Drawing II	LAB	4.20	2				
5:30 PM	9:40 PM	M	ART 133 1	Jewelry and Metalwork I	LAB	4.20	7	4.20	7	29	47%
6:00 PM	8:30 PM	T	ART 149 1	Mixed Media I: Digital Art	LAB	3.00	4	3.00	4	12	27%

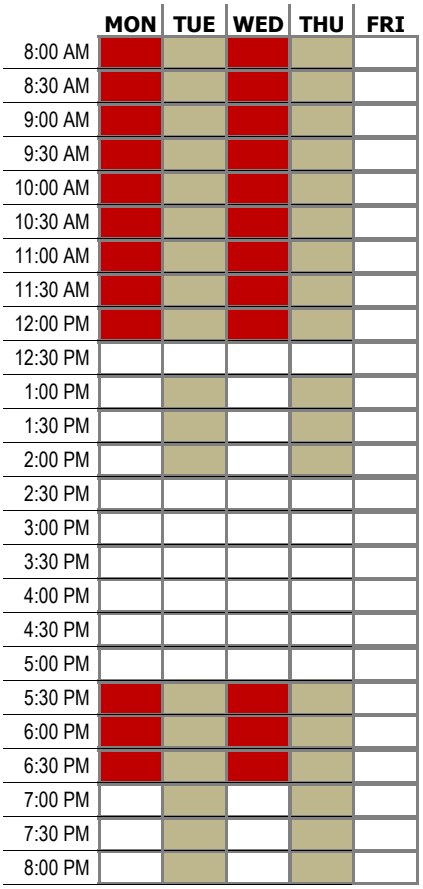
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 103

Space Use Code: *Teaching Lab*

Department: **Business**

Weekly Room Hours:	**30**	Weekly Student Contact Hours:	**623**
Hours in Use Student Station Occupancy:	**74%**	Average Enrollment:	**21**
Assignable Sq.Ft. / Station:	**30**	Capacity:	**28**
		Assignable Square Feet	**829**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:45 AM	9:15 AM	TR	ACC 121 HY1	Accounting Principles I	LAB	3.00	26	3.00	26	78	93%
8:00 AM	9:15 AM	MW	BUS 217 1	Business Communication & Report W	LAB	3.00	30	3.00	30	90	107%
9:30 AM	10:45 AM	MW	ECO 201 1	Principles of Macroeconomics: GT-SS	LAB	3.00	18	3.00	18	54	64%
9:30 AM	10:45 AM	TR	CIS 118 1	Intro to PC Applications	LAB	3.00	22	3.00	22	66	79%
11:00 AM	12:15 PM	MW	BUS 115 1	Introduction to Business	LAB	3.00	30	3.00	30	90	107%
11:00 AM	12:15 PM	TR	BUS 115 2	Introduction to Business	LAB	3.00	29	3.00	29	87	104%
1:00 PM	2:15 PM	TR	CIS 118 2	Intro to PC Applications	LAB	3.00	7	3.00	7	21	25%
5:30 PM	6:45 PM	MW	ECO 202 1	Principles of Microeconomics: GT-SS	LAB	3.00	13	3.00	13	39	46%
5:30 PM	6:45 PM	TR	AGB 218 1	Computerized Farm Records	LAB	3.00	18	3.00	18	54	64%
7:00 PM	8:27 PM	TR	CAD 101 1	Computer Aided Drafting/2D I	LAB	2.90	15	2.90	15	44	54%

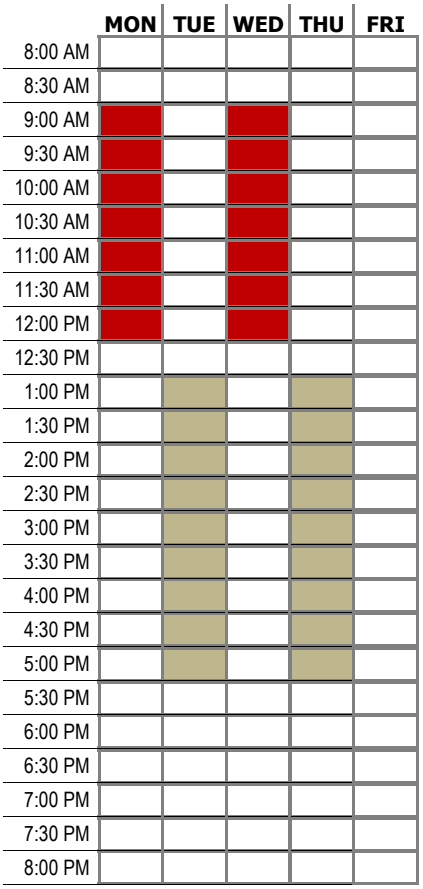
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 118

Space Use Code: *Teaching Lab*

Department: **Construction Trades / Renewable Energies**

Weekly Room Hours:	**13**	Weekly Student Contact Hours:	**104**
Hours in Use Student Station Occupancy:	**53%**	Average Enrollment:	**8**
Assignable Sq.Ft. / Station:	**62**	Capacity:	**15**
		Assignable Square Feet	**933**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:20 AM	10:50 AM	MW	ENY 127 1	Solar PV System Install	LAB	3.00	9	3.00	9	27	60%
10:55 AM	12:25 PM	MW	ENY 121 1	Solar Photovoltaic Components	LAB	3.00	8	3.00	8	24	53%
1:00 PM	3:17 PM	TR	CAR 170 1	Clinical: Construction Lab I	LAB	4.60	7	4.60	7	32	47%
3:40 PM	4:17 PM	TR	CAR 100 1	Introduction to Carpentry	LAB	1.20	8	1.20	8	10	53%
4:20 PM	5:02 PM	TR	CAR 102 1	Hand and Power Tools	LAB	1.40	8	1.40	8	11	53%

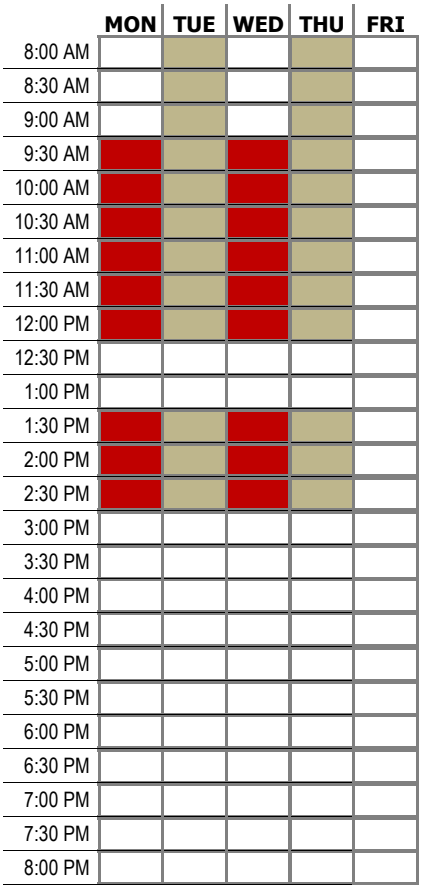
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 230

Space Use Code: *Teaching Lab*

Department: **General Computer Lab**

Weekly Room Hours:	**19**	Weekly Student Contact Hours:	**256**
Hours in Use Student Station Occupancy:	**56%**	Average Enrollment:	**13**
Assignable Sq.Ft. / Station:	**30**	Capacity:	**24**
		Assignable Square Feet	**724**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:15 AM	TR	AAA 109 2	Advanced Academic Achievement	LAB	3.00	17	3.00	17	51	71%
9:35 AM	10:38 AM	MTWR	CCR 92 2	College Composition and Reading	LAB	4.20	16	4.20	16	67	67%
11:00 AM	12:15 PM	MW	CCR 94 1	Studio 121	LAB	3.00	17	3.00	17	51	71%
11:00 AM	12:15 PM	TR	ENG 121 4	English COMP / CCR 094	LAB	3.00	17	3.00	17	51	71%
1:30 PM	2:45 PM	MW	CCR 94 2	Studio 121	LAB	3.00	6	3.00	6	18	25%
1:30 PM	2:45 PM	TR	ENG 121 3	English COMP / CCR 094	LAB	3.00	6	3.00	6	18	25%

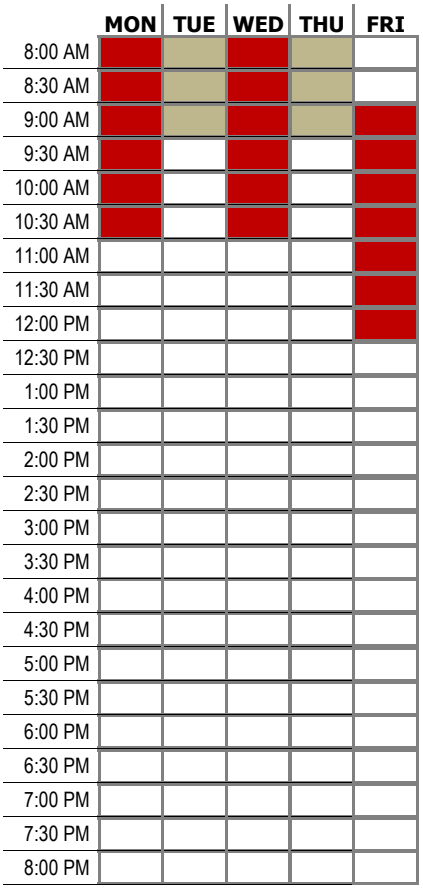
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Betz Building • LBZ 244

Space Use Code: *Teaching Lab*

Department: **General Computer Lab**

Weekly Room Hours:	**10**	Weekly Student Contact Hours:	**115**
Hours in Use Student Station Occupancy:	**40%**	Average Enrollment:	**11**
Assignable Sq.Ft. / Station:	**28**	Capacity:	**28**
		Assignable Square Feet	**797**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:45 AM	8:48 AM	MTWR	CCR 92 1	College Composition and Reading	LAB	4.20	12	4.20	12	50	43%
8:50 AM	9:20 AM	MTWR	CCR 91 1	College Composition and Reading La	LAB	2.00	11	2.00	11	22	39%
9:00 AM	12:30 PM	F	BUS 115 4	Introduction to Business	LAB	1.10	11	1.10	11	12	39%
9:30 AM	10:45 AM	MW	AGE 210 1	Agriculture Marketing	LAB	3.00	10	3.00	10	30	36%

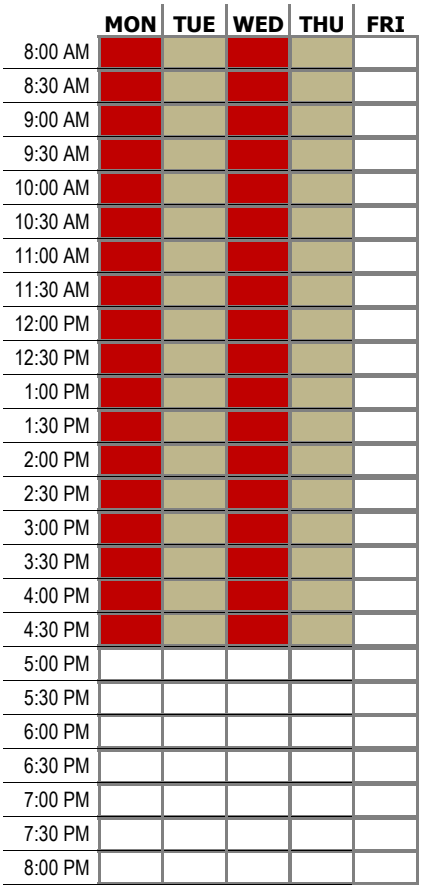
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Trustees Building • LTR 112

Space Use Code: *Teaching Lab*

Department: **Cosmetology**

Weekly Room Hours:	**36**	Weekly Student Contact Hours:	**900**
Hours in Use Student Station Occupancy:	**60%**	Average Enrollment:	**25**
Assignable Sq.Ft. / Station:	**56**	Capacity:	**42**
		Assignable Square Feet	**2.339**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	5:00 PM	MTWR	BAR 108 1	Intermediate Shaving, Honing & Strop	LAB	36.00	6	36.00	25	900	60%
8:00 AM	5:00 PM	MTWR	COS 160 1	Introduction to Disinfection, Sanitation	LAB	36.00	19				

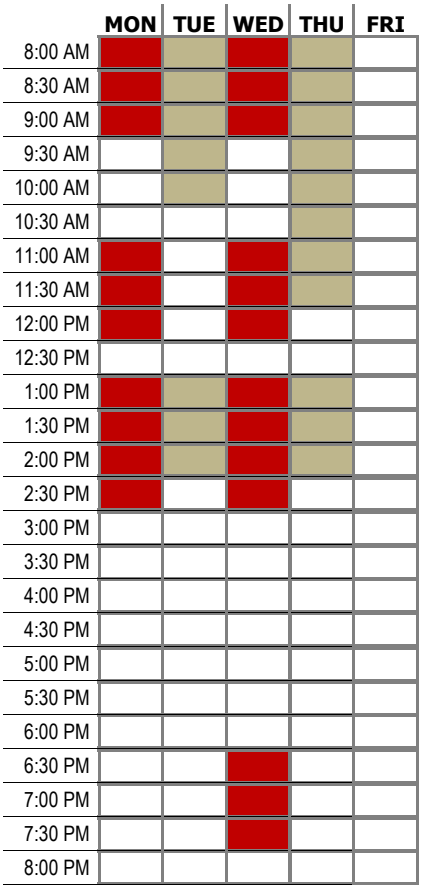
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Trustees Building • LTR 226

Space Use Code: *Teaching Lab*

Department: **Agriculture**

Weekly Room Hours:	**21**	Weekly Student Contact Hours:	**283**
Hours in Use Student Station Occupancy:	**49%**	Average Enrollment:	**14**
Assignable Sq.Ft. / Station:	**35**	Capacity:	**28**
		Assignable Square Feet	**972**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			***SECTION***			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:27 AM	MW	AGP 241 1	Beef Cattle Management I	LAB	2.90	7	2.90	7	20	25%
8:00 AM	9:15 AM	TR	ASC 100 1	Animal Sciences	LAB	3.00	24	3.00	24	72	86%
9:30 AM	11:35 AM	R	ASC 288 1	Livestock Practicum	LAB	2.10	24	2.10	24	50	86%
9:30 AM	10:20 AM	T	RFM 280 1	Intern Placement	LAB	1.00	3	1.00	3	3	11%
11:00 AM	12:15 PM	MW	AGR 260 1	World Interdependence - Population a	LAB	3.00	13	3.00	13	39	46%
1:00 PM	2:55 PM	MW	AGY 100 1	General Crop Production	LAB	4.00	4	4.00	4	16	14%
1:00 PM	2:15 PM	TR	AGP 215 2	Animal Health	LAB	3.00	18	3.00	18	54	64%
6:30 PM	7:45 PM	W	HPE 188 1	Athetic Training Practicum I	LAB	1.50	15	1.50	19	29	68%
6:30 PM	7:45 PM	W	HWE 289 1	Capstone: Athletic Trainer	LAB	1.50	4				

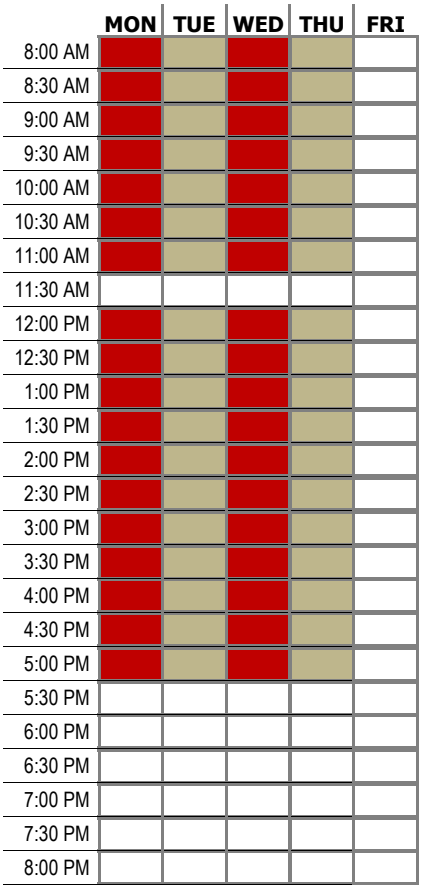
NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

Weld Shop • WELD 101

Space Use Code: *Teaching Lab*

Department: **Welding**

Weekly Room Hours:	**40**	Weekly Student Contact Hours:	**464**
Hours in Use Student Station Occupancy:	**65%**	Average Enrollment:	**12**
Assignable Sq.Ft. / Station:	**211**	Capacity:	**18**
		Assignable Square Feet	**3,793**



Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:30 AM	8:29 AM	MTWR	WEL 102 HYH	Oxyacetylene Joining Processes	LAB	3.90	17	3.90	17	66	94%
8:30 AM	9:29 AM	MTWR	WEL 101 HYH	Allied Cutting Processes	LAB	3.90	10	3.90	20	78	111%
8:30 AM	9:29 AM	MTWR	WEL 104 HYH	Basic Shielded Metal Arc II	LAB	3.90	10				
9:30 AM	11:10 AM	MW	WEL 111 HY1	Advanced Shielded Metal Arc II	LAB	4.00	11	4.00	11	44	61%
9:30 AM	11:10 AM	TR	WEL 101 HY1	Allied Cutting Processes	LAB	4.00	11	4.00	11	44	61%
12:10 PM	1:50 PM	MW	WEL 110 HY1	Advanced Shielded Metal Arc I	LAB	4.00	13	4.00	13	52	72%
12:10 PM	1:50 PM	TR	WEL 102 HY2	Oxyacetylene Joining Processes	LAB	4.00	12	4.00	12	48	67%
2:00 PM	3:40 PM	MW	WEL 224 HY1	Advanced Gas Tungsten Arc Welding	LAB	4.00	10	4.00	10	40	56%
2:00 PM	3:40 PM	TR	WEL 103 HY1	BASIC SHIELDED METAL ARC 1	LAB	4.00	8	4.00	8	32	44%
3:50 PM	5:30 PM	MW	WEL 230 HY1	Pipe Welding I	LAB	4.00	7	4.00	7	28	39%
3:50 PM	5:30 PM	TR	WEL 125 HY1	Introduction to Gas Metal Arc Welding	LAB	4.00	8	4.00	8	32	44%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

V.H. LABORATORY UTILIZATION GUIDELINES – PAULIEN & ASSOCIATES

Laboratory Guidelines

Paulien State Guideline Study

- 34 states have some type of laboratory guidelines
- Average of 23 WRH at 77% SSO
- Most Common Guidelines:
  - 24-28 WRH for Technical Labs
  - 28-30 for Computer Labs
  - 76%-80% SSO
  - ASF/Station varies