



# Facilities Master Plan

**FALL 2008** 



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Lamar Community College

#### Lamar Community College Master Plan

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The intent of this master plan is to provide a framework for the future facilities development for Lamar Community College. It is driven by the needs of current programs, the vision of the institution, its strategic plan, and partnerships within the community. Priorities for implementation may change, however the overall objectives, framework, and physical development strategies should not. These provide the foundation to achieve a collegiate atmosphere, necessary for and indicative of the high quality education provided by Lamar Community College.

#### Fall 2008

Prepared by Lamar Community College JBA Incorporated

LAMAR

COMMUNITY COLLEGE

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#### Lamar Community College

#### Master Plan

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President John Marrin

#### I. Introduction

Lamar Community College is one of thirteen community colleges in the Colorado Community College System. It is located in Lamar, Colorado, a southeastern plains community of approximately 9000 persons. The College was established in 1937 and now enrolls almost 1000 students (600-650 Full Time Equivalents) annually. It is the educational hub of southeastern Colorado.

This Master Plan is a long term vision of the facilities and site needs associated with the College's ability to meet its mission, strategic plan, and programmatic needs. It is meant to guide the campus with regards to its facilities plans, not dictate it. It is a macro-scale tool that should continually evolve as programs, resources, facilities, and funding does.

The entire campus was involved in the development of the plan. Being a smaller campus, it allowed for everyone to have the opportunity to join in the planning process. The planning team orchestrated a series of program meetings with each academic and administrative department on campus. In addition, the team held sessions that involved city planning, city council, school district, advisory council, foundation, county, state, and board representatives. With this input, guided by the strategic plan, program needs were developed and used to determine the facilities needs. The planning team created a space model that helped determined the space needs based on the program needs. An analysis of existing space, the existing facilities audit, and a study of the site all contributed to the master plan study.

The results found that because the campus enrollment dipped a little in recent years, there was not a large deficit in space but more a matter of a need for different space and improving the facilities that already exist. The amount of general academic space is adequate; however there is a lack of student oriented space and places that promote collaboration amongst students, faculty, staff, and the community. A more collegiate, safe, student centered campus environment is a priority.

Focus for the campus will be toward creating a student academic study center and college commons, replacing student housing, improving current facilities quality and use, partnering with the Pierre Auger Observatory project, improving access across US Highway 287, and creating a physical environment indicative of the quality of our programs. This plan provides a road map to move forward into an exciting future for Lamar Community College.





#### A. General

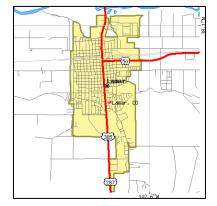
#### 1. Role

# Scale Lake City Denver Kansas City Callas Phoenix Callas Callas Callas Callas

#### Mission

Lamar Community College is located on the plains of southeastern Colorado and is well known for its moderate weather and days of sunshine. The College has developed a special concern for the educational needs of Prowers, Baca, Kiowa, and Cheyenne Counties but includes within its vision and "community" the state of Colorado, the nation, and through its unique programs, dedicated staff, and picturesque setting—the world.

The College counts among its alumni successful businesspersons, ranchers and farmers, educators, professionals, entrepreneurs, and others who continue to expand their human potential. The College currently boasts among its graduates an Academy Award winner and the chancellor of a major university. LCC's graduates are scattered throughout the world, and increasingly, its students add to the cultural diversity of the institution as they gather from the four corners of the globe.



Lamar Community College embraces the philosophy of a comprehensive community college as it serves the educational needs of its students. LCC is dedicated to providing all students with quality educational opportunities and services that assist learners to maximize development and operate successfully in our ever-changing world.

The College is an "open-door" institution, and it enrolls all students 16 years of age or older, regardless of previous academic experience, who can profit from the College's instructional efforts. The College offers complete academic transfer programs through its Associate of Arts and Associate of Science degrees. The College also offers occupational instruction, which leads to a variety of degrees and certificates. At Lamar Community College, "we enrich lives through learning."

#### Role and Purpose

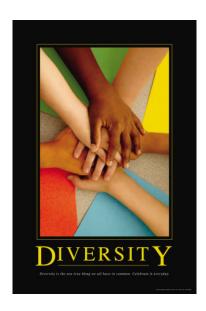
Lamar Community College is a learner-centered, coeducational, comprehensive, two-year secondary institution of higher learning. As a member of the Colorado Community College System, LCC is committed to providing

• transfer programs that qualify students for admission to four-year colleges and universities;



Lamar Community College

- educational offerings that meet students' occupational needs in technical and applied fields;
- developmental education to build basic academic skills;
- opportunities for perpetual learning and lifelong development;
- an environment supportive of learners and learning;
   and a
- comprehensive assessment of student learning.



#### Commitment to Diversity

Diversity among students, faculty, administration, and staff is an important measure of quality within academic institutions. Lamar Community College seeks to achieve greater diversity and reflect the variety of its community and the world. LCC strives to develop and foster diversity in all college activities, including student recruitment and support, staff recruitment and development, institutional policy, and community relations. To achieve this goal, the following objectives have been established.

LCC will expand the pool of applications for admission and employment with an emphasis on underrepresented populations. Lamar Community College supports and encourages educational and employment opportunities for all.

LCC recognizes the need to provide retention and support services for students and employees from underrepresented populations and will strive to implement plans to achieve this goal.

Lamar Community College is known for educational quality and high graduation and transfer rates. LCC will maintain its educational integrity and increase these rates for underrepresented students through development of specific educational achievement plans, which emphasize personal commitment and care of the individual underrepresented student.

LCC, in cooperation with community leaders of Prowers County, will develop a welcoming and culturally sensitive climate on and off campus and foster community networks that support underrepresented populations.

#### 2. 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,



**Lamar Community College** 

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.

In 1946, voters formed a local district, supported by tax dollars, and 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.



The 1960s ushered in a decade of change as the College relocated to its present location, changed its name to Lamar Community College, and joined the Colorado Community College System. Todd-Burch Residence Hall and the Bowman, Trustees, and Betz Buildings were all built in the period between 1966 and 1971. LCC's indoor horse arena was constructed in 1975.

Lamar Community College entered another period of construction in 1999 with the renovation and renaming of the Betz Building to the Betz Technology Center. In this same time period, LCC built its state-of-the-art Wellness Center.

Through its rich history, Lamar Community College has continued to provide a unique educational experience to students. The small, friendly campus atmosphere helps students feel welcome and valued. Many area students who seek skills and knowledge to enter the workforce or to transfer to universities find LCC their best option for higher education. LCC also attracts students from outside the service area who appreciate smaller classes and the personalized attention they receive from staff and faculty. Many come to study in one of the signature programs or to continue their athletic careers. Through partnerships with other colleges and universities, LCC has expanded its services to students to include dual application and on-campus baccalaureate options.

Born from the tenacious spirit of pioneer founders and empowered by the alliance with the Colorado Community College System, Lamar Community College stands ready to serve its students into the 21<sup>st</sup> century and beyond.



Lamar Community College

#### 3. Relationships

#### Community College System

Lamar Community College is a member of the Colorado Community College System (CCCS). The Colorado Community College System began a strategic planning process in June 2005. The objectives and strategies under each priority are taken directly from the Colorado Revised Statutes, recommendations made by the Governor's task force to strengthen and improve the Community College system, and the performance contract with the Colorado Department of Higher Education.

CCCS' three strategic priorities are Student Access, Student Success, and Operational Excellence. The performance objectives listed below are contained in the CCCS 2005-06 Strategic Plan.

#### **Student Access**

- Increase total enrollment as a measure of access
- Increase enrollment of underserved students, including lowincome individuals, minority groups, and males where underserved
- Improve distance learning

#### Student Success

- Increase total graduation rates as a measure of student success
- Increase graduation rates of underserved students, including lowincome individuals, minority groups, and males where underserved
- Increase total retention rates as a measure of student success
- Increase retention rates of underserved students, including lowincome individuals, minority groups, and males where underserved
- Improve Career and Technical Education efficiency and effectiveness

#### Operational Excellence

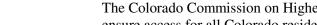
- Successful ERP implementation
- Fiscal Stability
- Financial Aid

The CCHE and CCCS goals and objectives set the context within System Community Colleges conduct their day-to-day operations. LCC's future facilities needs are expressed within the context of these goals and objectives and the needs of the global community the college services.





**Lamar Community College** 



Colorado Commission on Higher Education



The Colorado Commission on Higher Education's mission is to ensure access for all Colorado residents to a high-quality, affordable education that is student-centered, quality driven and performance based. CCHE's primary "customers" are Colorado students and citizens. CCHE is committed to provide the best quality education at the best price with the best possible service for its customers.

CCHE's goals for access and quality are achieved through an integrated and coherent set of public policies.

#### Local School District

The local school district, RE-2, consists of 7 schools of approximately 1900 students in grades kindergarten through 12<sup>th</sup> grade. The College works with the school district supporting students at risk as well as partnering on pre-collegiate programs.

#### B. Service Area

#### 1. **Geographic Characteristics**

#### The Campus

Lamar Community College is located on the southern edge of the City of Lamar on U.S. Highway 287. Its facilities are maintained on a spacious 115-acre campus bounded on the east by lush Willow Creek, a wooded area that is home to deer and a large variety of birds and other wildlife. The campus has recently undergone an \$11-million renovation that includes a new gymnasium and wellness complex located next to the residence halls. This renovation also includes onehalf million dollars in technology upgrades.

On the northern edge of the campus stands the Betz Technology Center. It is the home of many occupational programs including art and computer graphics classes, business and computer classes, and the Small Business Management Program as well as the Nursing Program, agriculture classes and faculty offices. Additional, it houses the Student Services Center, including the Registrar, Admissions, Financial Aid, Recruiter, as well as the Cashier and Campus Bookstore.

The Todd-Burch Residence Hall and Kelley Union Cafeteria are in the middle of the main campus. Housing 190 students, the facility also includes a weight room, computer lab, and recreational equipment.



**Lamar Community College** 

LCC's newest building, the Wellness Center, provides a state-of-theart fitness center, indoor walking track, gymnasium, and athletic office complex and the Campus Health Center for students and staff.

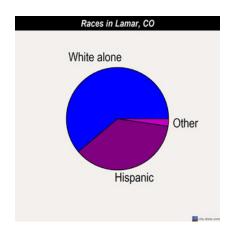
On the southern end of the main LCC campus is the Horse Training & Management and Rodeo complex. This area includes both indoor and outdoor arenas for practice and competition.

Across the street from the campus are the baseball and softball fields.



Founded in 1886, the City of Lamar is located on the sprawling southeastern plains of Colorado. With a population of approximately 9,000 persons, Lamar offers the quaint setting of one of the West's more accessible small towns, adjacent to the amenities of a large city. Lamar is located at the intersection of three national highways (US-50, US-287, US-385), served by one major bus line, major railway passenger service, and is a hub of modern farming, ranching, and manufacturing.

The city is home to many clubs, organizations, and activities, including a prominent multimedia arts community. Nearby, John Martin Dam and Queens Lakes offer water sports, hiking, fishing and other outdoor recreational opportunities. Lamar city parks, picnic, swimming and tennis facilities, and the public golf course are available to students. For those who seek off-campus adventure, Colorado Springs and Denver provide an enjoyable day trip or weekend excursion, in the shadow of the majestic Rocky Mountains.



Lamar is the largest community and county seat for Powers County. As of the 2000 Census, its population was just under 9,000 persons. The primary make up of citizens are comprised of 60% Caucasian, 35% Hispanic and 5% from other races. The state of Colorado Demographer sees very little to no growth in the immediate Lamar area for the next twenty years.

Many of the students that attend Lamar Community College are from outlying areas so the campus is primarily a residential campus, unlike many community colleges which are commuter campuses. This places pressure on the housing and food service programs on campus and are vital to the success of the college.



**Lamar Community College** 

#### 3. Climate (temperature ranges, precipitation, etc.)

Lamar Community College is located in Southeastern Colorado and is considered in the "Colorado Plains". This area is considered semi-arid and has dry winters, wetter springs and a variety of temperature swings. Winters see wind-blown snow with potentially cold temperatures alternating with some surprisingly warm days. The spring brings windy changeable weather patterns with occasional blizzards, large temperature changes and an occasional gentle soaking rain or wet snow to help nurture the grasslands. Summers are typically dry and hot. Temperatures in the day reach into the 90's and sometimes the 100's, but in the evening cool to comfortable temperatures in the 60's and 70's. The fall is typically dry and comfortable but does experience occasional thunderstorms and damaging hail.

#### Average Annual Temperature in Lamar (degrees F).

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			_								
44	50	59	68	76	87	92	90	82	71	55	45
14	19	26	36	46	57	62	61	50	36	23	15

#### Average Annual Precipitation in Lamar (inches)

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.4	0.5	1.0	1.4	2.4	2.3	2.3	2.3	1.3	0.8	0.7	0.4

#### 4. Transportation Systems

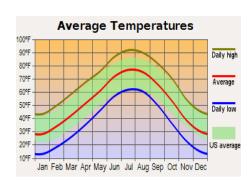
Lamar is located on US 50, 123 miles east of Pueblo and 154 miles west of Dodge City (KS). Access to Oklahoma and Texas can be gained to the south on US 287. This is the major arterial through town and runs adjacent to the west side of campus. This state highway is both an asset and a disadvantage to campus. It provides access to the community but is a safety concern due to the traffic.

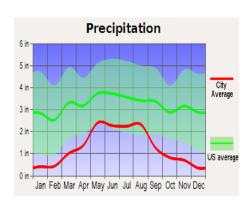
The nearest commercial airport is in Pueblo, Colorado. This is approximately a 2-hour drive to the west making Lamar a somewhat difficult community to access. Amtrak train and Greyhound bus systems provide the best mass transit opportunities to access the area.

#### 5. Education

#### Instructional Programs

LCC has provided the first two years of academic transfer program since it opened in 1937. In recent years the academic transfer







**Lamar Community College** 

programs have included the addition of a common General Education Core Curriculum with occupational and technical education programs, continuing education and community service offerings being provided by the College throughout most of its seventy-one year existence. Additionally, the College provides developmental studies, college preparatory education skills courses, and adult basic education courses for General Education Development (GED) preparation. LCC is authorized to award the Associates of Arts (A.A.), Associate of Science (A.S.), Associate of General Studies (A.G.S.), and Associate of Applied Science (A.A.S.) degrees as well as occupational proficiency certificates.



The primary LCC instructional programs with the corresponding degrees and certificates awarded and the General Education Core Transfer Program curricular offerings are enumerated below. A complete listed of all LCC curricular offerings and descriptions are provided in the Lamar Community College General Catalog.

The primary instructional programs with the corresponding degrees and certificates awarded and the General Education Core Transfer Program curricular offerings are enumerated below. The table is provided as a summary listing of current LCC degree and certificate programs. A complete listing of all LCC curricular offerings and descriptions is provided in the current Lamar Community College General Catalog.

## Lamar Community College Degree and Certificate Programs 2007-2008

#### Associate of Arts

Business

Elementary Education

#### **Associate of General Studies**

Agriculture

Criminal Justice

#### **Associate of Applied Science**

Agricultural Production/Agri-Business

Beef Feedlot Operations

Business/Information Technology

Option 1: Integrated Business/Technology Solutions

Option 2: Business Software Solutions

Option 3: Computer Information Systems Tech

Horse Training and Management

Horse Trainer

**Equine Business Management** 

**Business Marketing Management** 

Nursing

#### **Certificate of Study**

Ag/Business Management Advanced Horsemanship

Agriculture

Beef Feedlot Systems

Business

Cosmetology

Desktop Publishing/Business Graphics

Esthetician

Hair Stylist

Licensed Practical Nursing

Microcomputer Applications

Nail Technician

Small Business Management

Stable Management

**Starting Colts** 



## III. Program Projections

## A. Enrollment Size and Distribution Data (Current and Phased Growth)

#### 1. Basic Enrollment

The Master Plan is not based on a large increase in enrollment. The following table (next page) indicates the existing and planned enrollment for the next 5-10 years. It is anticipated the campus will experience a relatively modest enrollment growth over the next decade. It is projected the growth will occur in the following programs.

#### **Academic Programs**

- Agriculture
- Manufacturing
- Energy
- Cosmetology
- Horse Training and Management
- Nursing
- Vocational Education Programs

#### **Athletic Programs**

- Soccer
- Cross Country
- Golf

#### 2. Student Residence Demographic Data

There are approximately 200 students living on campus. The master plan provides for growth in the residence hall program, however the campus does not see a demand for housing at this time. Growth will be necessary if the campus grows beyond anticipated projections or additional sports programs are implemented.

The residence halls on campus are in dire need of replacement. They are no longer meeting the needs of the students and have been functionally obsolete for some time.







## Lamar Community College

				Contact	t Hour Info			
			Current		Planned		Planned	
Prefix	Title	Lecture	Lab	Lect/Lab	Change	Lecture	Lab	Lect/Lab
AAA	General	39	0	0	1%	39	0	0
ACC	Accounting	0	0	128	1%	0	0	129
AGB		60	0	0	1%	61	0	0
AGE		84	0	0	1%	85	0	0
AGP		0	0	21	1%	0	0	21
AGR	Agriculture	9.5	0	0	1%	10	0	0
AGY	Agronomy	0	0	20	1%	0	0	20
ART	Art	60	9	150	1%	61	9	152
ASC		72	82	0	1%	73	83	0
AST	Astronomy	0	0	20	1%	0	0	20
BIO	Biology	0	16	456	3%	0	16	470
BUS	Business	225	0	0	3%	232	0	0
CHE	Chemistry	0	0	45	3%	0	0	46
CIS	Computer Info Systems	0	0	240	3%	0	0	247
CNG	comparer mis systems	0	0	21	1%	0	0	21
COS	Cosmetology	19	447	1	5%	20	469	1
CRJ	Criminal Justice	171	0	0	1%	173	0	0
CWB	Criminal subtice	6	0	0	1%	6	0	0
ECO	Economy	123	0	0	1%	124	0	0
ENG	English	547	0	0	1%	552	0	0
EQM	Equine Management	255	0	0	5%	268	0	0
EQM	Equestrian Studies	233	35	0	5%	0	37	0
GED GED	General Education	52	0	0	1%			
GEO		30	0	0	1%	53 30	0	0
809-0806	Geology Human Performance	27	0	0	3%	17.50.00.1	0	0
HPR	Human Performance		333			28	0	0
HTM	T (2000/2000/2014) + 2000/2	0		0	1%	0	336	0
JOU	Journalism	60	0	0	1%	61	0	0
LIT	Literature	75	0	0	1%	76	0	0
MAN		36	0	0	1%	36	0	0
MAT		863	0	0	1%	872	0	0
MGD		0	0	21	1%	0	0	21
MUS	Music	75	0	0	1%	76	0	0
NAT	W/20 %	0	14	5	1%	0	14	5
NUR	Nursing	42	19	550	20%	50	23	660
PED	Million receipt	0	415	0	1%	0	419	0
PHI	Philosophy	195	0	0	1%	197	0	0
PHY	Physiology	0	0	20	1%	0	0	20
PSY	Psychology	243	0	0	1%	245	0	0
REA		131	0	0	1%	132	0	0
SCI	Science	0	0	68	1%	0	0	69
SBM		243	0	0	1%	245	0	0
SOC	Sociology	60	0	0	1%	61	0	0
SPA	Spanish	105	0	0	1%	106	0	0
SPE	Speech	309	. 0	0	1%	312	0	0
	TOTALS	4,217	1,370	1,766		4,283	1,407	1,903
	FTE	281	91	118		286	94	127

The above constitutes the credit hours and FTE for the Lamar campus only. This drives the facilities needs on the main campus. Currently there are approximately 600 FTE and almost 1000 headcount students attending Lamar Community College. The difference is due to those students enrolled through distance learning options, or on-site practicums, etc.







#### 3. Impact of distance education on enrollment

Lamar Community College is primarily a residential college. There are a variety of distance education courses in which the College supports outlying communities, however it is a small percentage of classes as compared to that produced on campus. Much of this is due to the technologies the outlying communities must have in order to receive and reproduce signals. Web based instruction is improving but is again a small percentage of classes and has little to no impact on the master plan and the spaces needs associated with the plan.

## B. Faculty and Staff Size and Distribution Data (Current 6-year Growth)

The following table summarizes the faculty and staff distribution per program.

#### **Facult Staff Data**

Program	Faculty	Staff	Adjunct Faculty	Student/ Hourly
Nursing	6	1	5	Hourry
AG	3	Ö	•	
EBM	1	Ō		
HTM	3	Ō		
Cosmo	2	Ō		
Bus/IT	4	0.5	5	
Developmental Ed	1	0		
PSEO/Teacher Ed	1			
Arts and Sciences	5	1	18	
Learning Support Services		6	4	
Adult Transition Services	2	2		
Library	1	1		
Business Office		5		
Student Services		7		4
Pres Office		4		2
Data Center		2		2 2 2
Academic Services (incl. Deans)		4		2
Physical Plant		12.5		
Athletics		2.5		7
Baseball		1.5		
Basketball		2		
Golf		1		
Volleyball		1.5		
Softball		1.5		7
Women's Basketball		1.5		
Wellness Center		1		8
Fitness Center		1		5
	29	59.5	32	37





#### C. Other Program Demographics

#### **Athletics**

#### Lamar Community College Athletic Numbers 2007-08

Institution: Lamar Community College Completed by: Chad DeBono

Athletic Team	Year	Fall	in Halls	Spring	in Halls	Average
Men's Baseball	25	25	25	27	27	26.00
Men's Basketball	18	23	21	19	17	21.00
Men's Golf	8	9	5	8	5	8.50
Women's Volleyball	15	14	14	10	10	12.00
Women's Basketball	18	18	18	17	17	17.50
Women's Softball	25	24	24	21	21	22.50
Men's & Women's Rodeo	20	25	15	24	14	24.50
	_				_	_
Totals	129	138	122	126	111	132

#### Pierre Auger

Lamar Community College is home to the north campus of the North American Pierre Auger Observatory. The College plays a unique role as the home of the international research project in North America. The partnership provides five acres of land that allows the research project to develop atmospheric monitoring systems. The research uses the monitoring wells to study the universe's highest energy particles which constantly shower down on the earth as cosmic rays.

The design of Auger North campus of the Pierre Auger Observatory is expected to closely resemble that of Auger South in Argentina. The buildings will necessarily be scaled up in consideration of the larger scale of the construction and operation of the Northern Site.

The campus design will have to fit within the available space. It is important however, to have certain buildings and facilities within close proximity for efficient assembly of the detectors and later for their long term maintenance. The construction period is expected to take approximately five years while the expected lifetime of the Observatory will be twenty years. During construction the final assembly of the 4000 detectors will be carried out in the basic campus area together with temporary off-campus space.

Pierre Auger has worked with Lamar Community College and Colorado State University over the past decade to establish an international partnership for the success of the project. Space needs associated with the research are summarized in Section IV-B.





Lamar Community College

#### IV. Facilities Information

#### A. Inventory of Existing Facilities

The following is a summary of the existing facilities resources available to the College.

#### 1. Campus Site

The College does not have any major athletic or recreation fields to speak of. There is ample open space that is used for passive recreation but formal fields are located across Highway 287 to the west. The nationally recognize baseball program and women's softball team use fields that were developed by the community. The College maintains the facilities as part of the partnership to share the two fields. See the existing aerial and campus map on the following pages.

The following summarizes the parking inventory on campus.



#### PARKING INFORMATION

FARRING INFORMATION									
Lot	Sq. Yds.	<b>Gen Spaces</b>	Handicap	Built					
Student Parking Lot	6,940	166	2	1967					
Betz	6,033	61	3	1969					
Staff	2,280	62	1	1968					
Circle	2,675			1968					
Betz/Trustee/Bowman	3,818	86	4	1971					
HTM	4,911	100	1	1975					
Wellness Center	4,929	127	4						
Overflow Parking									
Gym		125							
Betz		50							
Square Feet	284,274	777	15						
SF per stall	366								

Campus Acres	109	
Maintained Turf	14 acres	,



### Master Plan Lamar Community College





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