



2018 EDUCATIONAL AND FACILITIES MASTER PLAN

DRAFT DATED 12/12/18

# **MT. SAN ANTONIO COLLEGE** 2018 EDUCATIONAL AND FACILITIES MASTER PLAN

#### **BOARD OF TRUSTEES**

Ms. Rosanne Bader, Area 1 Dr. David K. Hall, Area 2 Ms. Laura Santos, Area 3 Mr. Robert F. Hidalgo, Area 4 Mr. Jay F. Chen, Area 5 Judy Chen Haggerty, Esq., Area 6 Dr. Manuel Baca, Area 7 Ms. Elizabeth Santos, Student Trustee (2016–17 academic year) Mr. Cory Case, Student Trustee (2017–18 academic year)



**DRAFT DATED 12.12.18** 

C.

# ACKNOWLEDGMENTS

#### PRESIDENT'S CABINET

Dr. William Scroggins, President and CEO
Dr. Irene Malmgren, Vice President, Instruction
Dr. Audrey Yamagata-Noji, Vice President, Student Services
Michael Gregoryk, Vice President, Administrative Services
Ibrahim Ali, Vice President, Human Resources

### CAMPUS MASTER PLAN COORDINATING TEAM (CMPCT)

Dr. William Scroggins, President and CEO
Dr. Irene Malmgren, Vice President, Instruction
Dr. Audrey Yamagata-Noji, Vice President, Student Services
Michael Gregoryk, Vice President, Administrative Services
Gary Nellesen, Director, Facilities Planning and Management
MASTER PLANNING STEERING TASK FORCE (MPSTF)

Irene Malmgren, Vice President, Instruction / MPSTF Tri-chair Audrey Yamagata-Noji, Vice President, Student Services / MPSTF Tri-chair Jeff Archibald, Academic Senate President (2016–2017) / MPSTF Tri-chair Madelyn Arballo, Dean, School of Continuing Education Miriam Ayala, Student Dalia Chavez, Faculty, School of Continuing Education Craig Deines, Faculty, Arts Division Francisco Dorame, Associate Dean, Counseling Carlos Duarte, CSEA 262 Ruben Flores, CSEA 651 Jennifer Galbraith, Dean, Business Division Grace Hanson, Dean, ARCS and Student Health Services

Tamra Horton, Faculty, Humanities and Social Services Division Jonathan Hymer, Faculty, Technology and Health Division Joe Jennum, Dean, Kinesiology, Athletics, and Dance Division Rene Jimenez, Student Hanna Kang, Student Mika Klein, Sr. Facilities Planner, Facilities Planning and Management Mark Lowentrout, Associate Dean, Arts Katherine MacDonald, CSEA 262 Martin Mason, Faculty, Natural Sciences Division Tom Mauch, Associate Vice President, Counseling Joumana McGowan, Associate Vice President, Instruction Gary Nellesen, Director, Facilities Planning and Management Martin Ramey, Academic Senate President (2017-2018) / MPSTF Tri-chair Mark Ruh, Faculty, Kinesiology, Athletics, and Dance Division Lina Soto, Faculty, Counseling Chisa Uyeki, Faculty, Library and Learning **Resources Division** Dave Wilson, Chief of Police, Police and Campus Safety

#### MASTER PLANNING STEERING TASK FORCE (MPSTF) RESOURCES

Jill Dolan, Director of Public Affairs
Bill Lambert, Executive Director of Development and the Foundation
Uyen Mai, MPSTF Resource Director, Marketing and Communications
Barbara McNeice-Stallard, MPSTF Resource Director, Research and Institutional Effectiveness
Don Sachs, Special Assistant to the President

#### COMMUNITY FACILITIES PLAN ADVISORY COMMITTEE (CFPAC)

Michael Armijo, President, ABC Public Relations and Armijo News Ryan Asao, Member, Mt. San Antonio College Foundation Board of Directors; Realtor, Keller Williams Realty Rosanne Bader, Trustee, Mt. San Antonio College Rachel Barbosa, Director, El Monte Office of Los Angeles County Supervisor Hilda L. Solis Harry Borak, Member, Covina Rotary Club; Director, AltaPacific Bank Kim Caceres, Community Member Victor Caceres, Executive Director, Boys and Girls Club of Pomona Valley Gary Chow, Financial Advisor/Owner, GT Management Group, Inc. Mansfield Collins, Attorney Robert Cruz, Public Affairs Manager, SoCalGas Reyna Del Haro, Director of Public Affairs, Kaiser Permanente Baldwin Park Medical Center Anabel Dorion, President, Pomona Catholic High School Parent Teacher Organization (PTO) Ted Ebenkamp, President, Rowland Heights Community Coordinating Council; Board of Directors, Walnut Valley Water District Frank Garcia, Ambassador, Pomona Chamber of Commerce; Interactive Media and Marketing Manager, Pomona Valley Hospital Medical Center Dr. David K. Hall, Trustee, Mt. San Antonio College Clive Houston-Brown, Vice President of HR, IT, Facilities & Safety, University of La Verne John Hsu, Chief Executive Officer, STC Management; President, Rowland Heights Chinese Association Jeff Keating, Executive Director, Public Affairs and Marketing, Western University of Health Sciences Jazmin Lopez, Mt. San Antonio College Alumna/Track

Christina (Tina) Loza, Managing Partner, Loza & Loza Attorneys Norma Martinez, District Director, East San Gabriel Valley/Pomona Regional Office of Los Angeles County Supervisor Hilda L. Solis Andrew McIntyre, President, The McIntyre Company Martin Medrano, Board Member, Hacienda-La Puente Unified School District; Senior Associate, Fierro Public Affairs Eileen Miranda Jimenez, Board Member, West Covina Unified School District Jody Roberto, District Director, Office of Senator Bob Huff Jorge Ronguillo, Principal, Grandview Middle School, Valinda Laura Santos, Trustee, Mt. San Antonio College Alta Skinner, Member, Mt. San Antonio College Foundation Board of Directors Fred Sykes, Member, West Covina Redevelopment Dissolution Oversight Board; Former Mayor/City Councilmember, West Covina SueAnn Tai, Past President, Rowland Heights Chinese Association Garrett Terrones, Senior Accounts Supervisor, Pitzer College Tony Torng, Board Member, Walnut Valley Unified School District Andrew Yip, Programs Coordinator, Bike San Gabriel Valley MASTER PLANNING CONSULTANT TEAM Collaborative Brain Trust (CBT)

Collaborative Brain Trust (CBT) HMC Architects Five-G Consulting P2S Engineering PlaceWorks Psomas Nicholas Staddon, Nursery and Horticultural Consultant SWA Group

#### INTRODUCTION

# LETTER FROM THE PRESIDENT AND CEO



### "

In December 1945, voters were asked to approve a new community college district that would serve the region. All would be welcome: returning veterans, those seeking "vocational" training and those pursuing careers in business and industry. By a vote of almost 7 to 1, Mt. San Antonio College would become a reality.

In 1946, Mt. SAC served 682 students and held classes in former naval barracks. Today, thanks to the support of local and state taxpayers, we serve more than 60,000 students in facilities that rival universities'.

While a lot has changed since Mt. SAC's beginning, our mission to support all students in achieving their educational goals in an environment of academic excellence has not. Nor has our commitment to our community. The economic success and cultural well-being of our diverse region depends on a skilled and highly educated workforce, and Mt. SAC is a key partner in preparing students for 21st century careers. The Mt. SAC 2018 Educational and Facilities Master Plan (EFMP) is the college's long-term plan and serves as the foundation for other components of the college's integrated planning process and cycle of continuous quality improvement.

This plan identifies key educational needs and trends in our community, and serves as our blueprint for institutional development and resource allocation for the next decade. It also identifies a broad range of needs to support programs and services, including new facilities.



The EFMP is the culmination of a comprehensive 18-month planning process that involved a wide range of participants, on campus, in the district and in the community. I want to thank all of you for participating in this planning process and helping shape the future of Mt. SAC.



William J. Smoggini

WILLIAM T. SCROGGINS, PH.D.

#### INTRODUCTION

# LETTER FROM THE BOARD OF TRUSTEES



# "

On behalf of the Board of Trustees, I am pleased to share Mt. San Antonio College's 2018 Educational and Facilities Master Plan.

For more than 70 years, Mt. SAC has worked hard to serve the higher education needs of our district's residents and provide access to quality educational programs and services. Throughout our history, we have reflected on our practices and educational programs to ensure they remain relevant and continue to meet the academic and workforce needs of our community.

This Educational and Facilities Master Plan serves as a way to celebrate our successes and embrace ideas for improvement. How we proceed will always be determined through our mutual planning processes and with the interests of our students in mind. Our Mission Statement affirms a commitment to meeting the diverse needs of our students. It frames the fundamental work of providing the skills and academic preparation, certificates, and both associates and baccalaureate degrees that lift our students and fuel our economy. "... the college is committed to providing quality education, services, and workforce training so that students become productive members of a diverse, sustainable, global society. The college pledges to prepare students for lifelong learning through the mastery of basic skills, the achievement of associate degrees and certificates, and the completion of career and transfer pathways. The college will carry out this commitment by providing an engaging and supportive teaching and learning environment for students of diverse origins, experiences, needs, abilities, and goals. The college is dedicated to serving our community through improving economic achievement, advancing civic engagement, enhancing personal

well-being, promoting critical thinking, and enriching aesthetic and cultural experiences. "

The founders of Mt. SAC certainly could not have imagined the growth or rapidly changing society; however, they would instantly recognize the individuals today who tirelessly help our students (many still first in their families to go to college) attain their dreams. It is the shared work of college faculty, staff, administrators, and our community. Thank you to all of those who contributed to the EFMP and those who continue to support us.

"



DR. MANUEL BACA Board of Trustees President

# TABLE OF CONTENTS

ii

iv

vi

viii

х

xii

xiv

xxii

#### VOLUME 1

#### INTRODUCTION

#### Acknowledge

Acknowledgments
Letter from the President and CEO
Letter from the Board of Trustees
Table of Contents
Mission, Vision, and Core Values
Purpose
Process and Participation
Document Overview

#### CHAPTER 1: BACKGROUND

Early History of Mt. SAC	1.1
Mt. SAC Today	1.4
The Economy	1.10
Issues in Higher Education	1.12

### CHAPTER 2: PROFILE OF THE COLLEGE'S COMMUNITIES AND STUDENTS

Overview	2.1
Index of Data Sets	2.2
External Environmental Scans	2.4
Internal Environmental Scans	2.28
Growth Forecast	2.68
Implications for Planning	2.70

#### CHAPTER 3: INSTRUCTIONAL PROGRAMS

3.4
272
274
292
296

#### CHAPTER 4: STUDENT SERVICES

Overview	4.1
Student Services	4.8
CHAPTER 5: ADMINISTRATIVE SERVICES	
AND HUMAN RESOURCES	
Overview	5.1
Administrative Services	5.2
Human Resources	5.15
CHAPTER 6: MASTER PLAN THEMES	
Overview	6.1
Instructional Programs	6.2
Student Services	6.12

Judeni Jervices	0.12
Administrative Services and Human	6.20
Resources	
President's Cabinet	6.24

### VOLUME 2

# CHAPTER 7: EXISTING FACILITIES ANDSITE ANALYSIS7.1Overview7.1Community Context7.3Campus and Facilities7.21Transportation and Circulation7.63Open Space and Landscaping7.95

Farm Analysis	7.151
Mt. SAC Hangar at Brackett Field	7.173

#### CHAPTER 8: ENVIRONMENTAL ANALYSIS

Overview	8.1
Campus Sustainability	8.2
Campus Climate Conditions	8.5
Resource Management	8.27
Carbon Footprint Analysis	8.45

#### CHAPTER 9: FRAMEWORK FOR FACILITIES RECOMMENDATIONS

Overview	9.1
Implications of the Master Plan Themes	9.4
Student Feedback	9.8
Community Feedback	9.10
Projection of Space Needs	9.12
Projection of Parking Needs	9.24
Sustainability Objectives	9.26
Best Facilities Planning Practices	9.30
Campus Development Concept	9.32

### VOLUME 3

#### **CHAPTER 10: FACILITIES**

#### RECOMMENDATIONS

Overview	10.1
2018 Facilities Master Plan	10.2
Campus-wide Projects	10.7
New Major Buildings	10.33
Major Renovations	10.67
Other Facilities Projects	10.83

### CHAPTER 11: SITE AND INFRASTRUCTURE IMPROVEMENTS RECOMMENDATIONS

Overview	11.1
Site and Infrastructure Improvements	11.3

#### CHAPTER 12: IMPLEMENTATION

Overview	12.1
Removals	12.2
Phasing	12.6
Building Renumbering	12.8
Future Asset Development	12.20
Next Steps for Implementation	12.33

### VOLUME 4

#### APPENDIX

Programs and Services Interviewees Laboratory Space Analysis Farm Planning Student Focus Group Report Community Workshop Report Reference Documents Previous Facilities Master Plans Utilities Infrastructure Thermal Comfort Diagrams Landscape Guidelines EDR Aerial Photo Decade Package 2017 Parking and Circulation Master Plan

# MISSION, VISION, AND CORE VALUES

#### MISSION

The mission of Mt. San Antonio College is to support all students in achieving their educational goals in an environment of academic excellence. Specifically, the College is committed to providing quality education, services, and workforce training so that students become productive members of a diverse, sustainable, global society. The College pledges to prepare students for lifelong learning through the mastery of basic skills, the achievement of associate degrees and certificates, and the completion of career and transfer pathways. The College will carry out this commitment by providing an engaging and supportive teaching and learning environment for students of diverse origins, experiences, needs, abilities, and goals. The College is dedicated to serving our community through improving economic achievement, advancing civic engagement, enhancing personal well-being, promoting critical thinking, and enriching aesthetic and cultural experiences.

#### VISION

Mt. San Antonio College strives to be regarded as one of the premier community colleges in the nation. We will be viewed as a leader in community college teaching, programs, and services. As a premier community college, we will provide access to quality educational programs and services, focusing on student success within a climate of integrity and respect. We will earn this reputation by consistently exceeding the expectations of our students, our staff, and our community.

#### CORE VALUES

Integrity

We treat each other honestly, ethically, and respectfully in an atmosphere of trust.

#### Equity and Diversity

We respect and welcome all differences, and we foster equal opportunity to succeed throughout the campus community.

#### **Community Building**

We work in responsible partnerships through open communications, caring, and a cooperative spirit.

#### **Student Focus**

We address the needs of students and the community both in our planning and in our actions.

#### Lifelong Learning

We promote the continuing pursuit of high educational goals through equal access to excellence in both teaching and support services.

#### **Positive Spirit**

We work harmoniously, show compassion, and take pride in our work.

#### **Effective Stewardship**

We sustain and improve the institution and environment by efficiently using resources of time, talent, facilities, and funding.

Approved by the Board of Trustees on August 17, 2016.



### INTRODUCTION **PURPOSE**

The Mt. SAC 2018 Educational and Facilities Master Plan (EFMP) is the College's long-term plan and serves as the foundation for other components of the College's integrated planning process. The specific purposes of the EFMP are described as follows.

- Develop and analyze internal and external data to identify the major challenges that currently exist or are anticipated to exist in the next ten years
- Project the College's overall growth and the growth of programs and services over the next ten years
- Provide a common foundation for discussion about the College's programs and facilities
- Develop recommendations for site and facilities improvements that are informed by educational planning
- Provide a foundation for other College plans, such as the Strategic Plan and the Technology Plan
- Inform the public of the College's intentions and garner support for the services provided in and to the community

xii

CBT AND HMC ARCHITECTS / DRAFT DATED 12.12.18





### INTRODUCTION **PROCESS AND** PARTICIPATION

The EFMP was developed through a dynamic, collaborative process. This planning process was informed by both qualitative and quantitative data that describes external factors, such as current and projected demographic trends and the community's educational and workforce needs, as well as internal realities, such as analyses of current programs and services offered to students and the existing conditions of College facilities. Both types of analyses were the starting points for long-term planning conversations that took place in a variety of venues involving the College's many constituencies.

#### MASTER PLAN STEERING TASK FORCE (MPSTF)

To ensure that all voices on campus would be heard during the development of this long-term plan, Mt. SAC's President and CEO asked leaders of the College's internal constituent groups to appoint faculty, staff, and administrators to serve on a Master Plan Steering Task Force, and he appointed the Vice President of Instruction, the Vice President of Student Services, and the Academic Senate President to serve as the Tri-chairs of this task force. The members were appointed as follows.

- Five administrators appointed by the Vice President, Instruction
- Three administrators appointed by the Vice President, Student Services
- Three managers appointed by the Vice President, Administrative Services
- Faculty members appointed by the Academic Senate
- Three students—spanning two academic years—appointed by Associated Students









CBT AND HMC ARCHITECTS / DRAFT DATED 12.12.18

# PROCESS AND PARTICIPATION (cont.)

- Three classified representatives appointed by CSEA 262 and CSEA 651
- Five resource members: Director, Research and Institutional Effectiveness; Director, Public Affairs; Special Assistant to the President; Director, Marketing and Communications; and Executive Director, Foundation

Refer to the Acknowledgments in the beginning of this chapter for a list of Master Plan Steering Task Force members.

The Master Plan Steering Task Force provided direction and input throughout the development of the EFMP during eight meetings from October 2016 to December 2017. The specific functions of this group were as follows.

- Oversee the development of the integrated EFMP to ensure that educational planning served as the foundation for facilities planning
- Foster openness and inclusion in the master planning process through dialogue and communication with the College's internal and external stakeholders
- Guide the review and College-wide vetting of the EFMP, including the impact on College goals and priorities, analysis of data, consideration of alternative planning concepts, and discussion of key findings and recommendations
- Ensure that the master planning process was coordinated with other campus planning processes and was consistent with the established direction and focus of the College

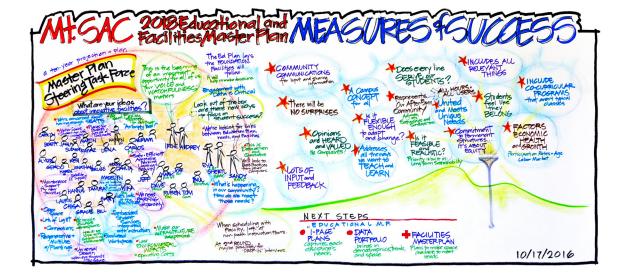
#### CONTENT-SPECIFIC MEETINGS

In addition to the Master Plan Steering Task Force, meetings were held with Mt. SAC faculty, staff, students, and administrators for content-specific dialogue.

Interviews were conducted as primary resources for the development of this long-term plan. Representatives of Instructional Programs, Student Services, Administrative Services, and Human Resources met with an educational planning consultant and a facilities planning consultant to discuss the specific needs of each unit. Approximately 170 faculty, staff, managers, and administrators, representing 75 Instructional Programs, 20 Student Services, six Administrative Services units, and Human Resources met with members of the master plan consultant team twice, once in fall 2016 and again in spring 2017. During these interviews, representatives of each unit collaborated with consultant team members to develop the descriptions that constitute Chapter 3: Instructional Programs, Chapter 4: Student Services, and Chapter 5: Administrative Services and Human Resources. Please refer to the Programs and Services Interviewees section of the Appendix for a list of the Mt. SAC faculty, staff, and administrators who participated in these interviews.

In addition to these interviews, the following other content-specific meetings were held to inform this long-term plan.

 Four Farm Planning Meetings were held with Agricultural Sciences Program faculty, staff, and administrators to collaboratively assess existing conditions and discuss, with the input











# PROCESS AND PARTICIPATION (cont.)

of expert advisors, improvements that could be made to the Farm's organization, land use, and infrastructure for better alignment with the program's educational objectives

- Two meetings were held with School of Continuing Education faculty and administrators to understand program-specific needs and discuss options for new facilities
- Two Wildlife Sanctuary Meetings were held with Natural Sciences faculty and administrators to assess existing conditions and better understand the improvements needed to support the use of this site to meet educational objectives
- A meeting was held with Instructional Division Administrative Assistants to understand facilities issues related to scheduling classes
- Four Landscape Planning Meetings were held with faculty and Grounds Maintenance staff to understand existing site conditions and how landscape resources are used for instruction, and to review and validate the EFMP Landscape Guidelines
- Four Sustainability Planning Meetings were held with Mt. SAC's Climate Commitment Implementation Committee, Sustainability Committee, Academic Senate Task Force on Sustainability, and representatives from sustainability-focused student organizations to review current policies, plans, commitments, and the institutional structure that supports sustainability planning. One of the meetings

was an Eco-charrette that was held in spring 2017 for the purpose of exploring sustainability and carbon mitigation ideas and coordinating with the College's development of a *Climate Action Plan* 

- A design charrette was held in June 2017 with the City of Walnut Planning Division to explore opportunities for collaboration
- Preparation of the 2017 Parking and Circulation Master Plan began prior to the EFMP, and Facilities Planning and Management project managers and consultants for both projects met periodically to share information and coordinate the planning of parking structures, circulation routes, the transit center, and passenger loading zones

#### COLLEGE-WIDE REVIEW OF DRAFTS

Two processes were used to promote College-wide participation in the development of this document.

#### Master Plan Website

A website dedicated to information about the EFMP process and drafts was established to inform the internal and external communities about the planning process. Information posted on this site included Master Plan Steering Task Force membership, drafts of the document, meeting agendas and minutes, and PowerPoint presentations.













# PROCESS AND PARTICIPATION (cont.)

#### Requests for College-wide Review

Draft chapters were first distributed to the Master Plan Steering Task Force for their feedback. Once their comments were reviewed and considered for incorporation into the draft, the second draft of that chapter was posted online and an email was sent College-wide announcing that the draft chapter was available online and requesting feedback. Drafts were revised as warranted based on this College-wide feedback. Written responses to each comment submitted during the Collegewide review were distributed to the Master Plan Steering Task Force as well as to the individuals who submitted the comment.

#### STUDENT FOCUS GROUPS

In spring 2017, Mt. SAC students were invited to share their perceptions of the College's facilities at one of five focus groups. A total of 57 students discussed the following questions.

Please think about the campus spaces and facilities you use at Mt. SAC, such as parking, buildings, and places to learn, study, eat, hang out, relax, and interact with others.

- 1. What works well about this these spaces?
- 2. What is missing?
- 3. What needs work?
- 4. What are the challenges with these spaces?

The results of this dialogue were considered in developing facilities recommendations as described in Chapter 9: *Framework for Facilities Recommendations* of this document.

#### COMMUNITY INVOLVEMENT

Two processes were used to promote community participation in the development of this document.

#### **Community Facilities Plan Advisory Committee**

Mt. SAC's Board of Trustees collaborated with the President and CEO to form an advisory committee for the purpose of ensuring that a range of community voices were heard during the development of this long-term plan. Members of this group included representation from key campus officials, the seven Board of Trustees areas, citizens-at-large, the Chamber of Commerce or business community, K–12 school districts, and other stakeholder institutions or non-governmental organizations. This advisory committee began meeting monthly in fall 2016 to become acquainted with challenges faced by the College and the process for developing the EFMP. Each month the Committee was asked to provide feedback on various aspects of the EFMP content and their feedback was used to fine-tune recommendations. Refer to the Acknowledgments section in the beginning of this chapter for a list of members of the Community Facilities Plan Advisory Committee.

#### **Public Workshops**

In February and March 2017 the Board of Trustees hosted nine community meetings to announce the master plan project, gather community feedback, and inform the public about the College's programs and resources. Approximately 90 community members provided feedback during these public workshops. Each workshop began with a brief presentation about Mt. SAC and an introduction to the master plan project. After the presentation, community members were invited to provide feedback and/or to obtain information about the College at one or more of the following five stations.

- Campus buildings and facilities
- o Transportation and parking
- Community destinations on campus
- Educational programs and services
- o General Mt. SAC information

The results of these conversations were considered in developing facilities recommendations, as described in Chapter 9: *Framework for Facilities Recommendations*. The Community Workshop Report can be found in the *Appendix*.

#### COLLEGE PRESENTATIONS

College presentations were given to keep constituent groups informed about the various stages in the development of the EFMP.

- Classified Professional Development Day in fall 2016
- o Board Presentation in January 2017
- President and CEO Report to the Board in August 2017
- o Board Presentation in November 2017
- Board Presentation in February 2018
- Flex Day Opening Meeting Presentation to Faculty in February 2018
- Staff Public Forum in February 2018
- o Student Public Forum in March 2018







# DOCUMENT OVERVIEW

#### CHAPTER 1: BACKGROUND

The College's history, geographic location, adjacent community college districts, a general overview of the College's programs and services, and a snapshot of current national, State, and local economic and higher education issues

### CHAPTER 2: PROFILE OF THE COLLEGE'S COMMUNITIES AND STUDENTS

Results of External Environment Scans and Internal Environmental Scans, which document the College's effectiveness in fulfilling its mission and identify challenges that the College is likely to encounter in the next decade

#### CHAPTER 3: INSTRUCTIONAL PROGRAMS

An analysis of the current status and the anticipated future of the instructional programs offered to students in credit instructional programs and the School of Continuing Education programs

#### CHAPTER 4: STUDENT SERVICES

An analysis of the current status and the anticipated future of the support services offered to students on campus, as well as at local high schools

#### CHAPTER 5: ADMINISTRATIVE SERVICES AND HUMAN RESOURCES

An analysis of the current status and anticipated future of Administrative Services units, which ensure that the College's students, faculty, staff, and administrators have the financial resources, facilities, equipment, and technology needed to achieve the College mission, and Human Resources units, which monitor the College's workforce and employee programs focused on recruiting and retaining a highly skilled and talented workforce

#### CHAPTER 6: MASTER PLAN THEMES

A synthesis of the challenges and opportunities most often described during the Master Plan interviews as well as during subsequent discussions about the College's future challenges and opportunities

### CHAPTER 7: EXISTING FACILITIES AND SITE ANALYSIS

An analysis of the physical scope, condition, organization, functionality, and utilization of facilities, site areas, campuswide circulation, and infrastructure systems on and surrounding Mt. SAC's campus

#### CHAPTER 8: ENVIRONMENTAL ANALYSIS

An analysis of Mt. SAC's performance in the areas most important to environmental sustainability, such as energy and water use and carbon footprint, as well as the environmental conditions on the campus, such as temperature, wind, and cloud cover

#### CHAPTER 9: FRAMEWORK FOR FACILITIES RECOMMENDATIONS

Description of the connections between the facilities recommendations and other components in Mt. SAC's integrated planning process, including the challenges and opportunities identified for programs and services, the College's projected growth, and the College's sustainability planning objectives

#### CHAPTER 10: FACILITIES RECOMMENDATIONS

Recommendations for new facilities, major renovations, and other projects that are needed to address the challenges and opportunities that are identified in the EFMP themes

#### CHAPTER 11: SITE AND INFRASTRUCTURE IMPROVEMENTS RECOMMENDATIONS

Recommendations for infrastructure and site improvements and projects with campus-wide impact that make the most of the campus as a living laboratory and community resource

#### CHAPTER 12: IMPLEMENTATION

Guidance for the implementation of the EFMP facilities, infrastructure, and site improvement recommendations and descriptions of opportunities for further development that could take place beyond the EFMP 10-year planning horizon





