

Community, Economic and Urban Development

Higher Education Center at Otay Mesa

Dean Silvia Cornejo, M.A., Office 4118D, 619-216-6755

Faculty Elisabeth Shapiro, J.D.

Department Chair Vacant

General Description

In recent years, governmental entities and community planning groups have undertaken urban revitalization by focusing on initiatives that develop the local economy, create jobs, and maximize the use of local resources including the development of real property, transportation, water and other natural resources. Southwestern College has developed the Community, Economic, and Urban Development Program to provide students with the skills and knowledge required to be successful in this and related career fields. The program discusses the concepts of city planning, architectural design, land use, innovation, creativity, leadership, real estate, transportation, economics principles, and workforce development.

A work experience component offers volunteer or paid internship opportunities on local civic boards, commissions, councils, committees, private businesses, government agencies, or non-profit organizations located throughout San Diego County focusing on the south county region. Students gain practical skills and can work toward employment in the field or transfer to a four-year college or university that has related programs in the area of urban planning.

Career Options

Urban planner has been considered one of the “best careers” in surveys conducted by various organizations. The following list is a sample of the career options available for individuals who complete studies in the Community, Economic, and Urban Development major. Some of these options require an advanced certificate or an associate degree; some require a bachelor’s or master’s degree: urban/city planner or designer, transportation planner, environmental technician, research analyst, title examiner, construction manager, operations manager, architect, real estate and land use designer, property and community association manager, economic developer, housing specialist, parks and recreation planner, surveying and mapping technician, workforce developer, community activist, charitable and social service organization worker/manager, and entrepreneur involved in urban planning and design.

Degree/Certificate Options

Major Code

Associate in Science Degree: Career/Technical

Community, Economic and Urban Development 01061

Certificates of Achievement

Community, Economic and Urban Development—Basic 01062

Community, Economic and Urban Development—Intermediate 01063

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

ASSOCIATE IN SCIENCE

Community, Economic and Urban Development

Career/Technical (Major Code: 01061)

Prepares students to work in leadership roles in private, public, and nonprofit organizations engaged in various community planning, economic, development, and residential/commercial revitalization activities. Develops skills in community land-use planning, economic development, business planning, community leadership, design concepts, economics, and real estate principles and practices.

ACCT 101	Principles of Accounting I	4
BUS 52	Basics of Government Contracting	2
BUS 83	Principles of Economic Development	3
BUS 84	Grant Research and Writing Fundamentals	1
BUS 100	Introduction to Community, Economic, and Urban Planning	3
BUS 140	Business Law/The Legal Environment of Business	3
BUS 142	Business Ethics—Corporate and Personal	1
BUS 211	Communication in Business and Industry OR	3
BUS 212	Business Communication	
ECON 101	Principles of Economics I	3
ECON 102	Principles of Economics II	3
GEOG 145	Introduction to Mapping and Geographic Information Science (GIS)	3
LDR 152	Business Innovation and Creativity	1
LDR 154	Community and Collaborative Leadership	3
LDR 155	Strategic Planning and Sustainability OR	3
RE 101	Real Estate Principles	
LDR 156	Microfinance and Sustainable Development (3) OR	2–3
LEGL 266	Mediation, Negotiation, and Conflict Management (2)	
BUS 290-293	Work Experience in Business	2–4
Total units		40–43

To earn an associate degree, additional general education and graduation requirements must be completed. See page 49.



Some courses within this program may require additional coursework that must be completed prior to enrollment in those courses. Please consult the individual course listings for prerequisites and any other limitations on enrollment.

CERTIFICATES

Community, Economic and Urban Development—Basic

Certificate of Achievement

Career/Technical (Major Code: 01062) Basic

Prepares students to work in private, public, and nonprofit organizations engaged in various community, and economic development activities. Provides an overview of the key areas involved in the field, including concepts of sustainability, strategic planning, microfinance, community design, real estate, economics, and legal issues related to the field.

BUS 100	Introduction to Community, Economic and Urban Planning	3
BUS 83	Principles of Economic Development	3
BUS 211	Communication in Business and Industry OR	3
BUS 212	Business Communication	3
ECON 101	Principles of Economics I	3
GEOG 145	Introduction to Mapping and Geographic Information Science (GIS)	3
LDR 152	Business Innovation and Creativity	1
LDR 154	Community and Collaborative Leadership	3
LDR 155	Strategic Planning and Sustainability OR	3
RE 101	Real Estate Principles	3
Total units		22

Community, Economic and Urban Development—Intermediate

Certificate of Achievement

Career/Technical (Major Code: 01063)

Prepares students to work in private, public, and nonprofit organizations engaged in various community planning, economic development, and residential/commercial revitalization activities. Develops skills in project management, accounting, business ethics, human resources, labor relations, and business communications.

ACCT 101	Principles of Accounting I	4
BUS 52	Basics of Government Contracting	2
BUS 84	Grant Research and Writing Fundamentals	1
BUS 140	Business Law/The Legal Environment of Business	3
BUS 142	Business Ethics—Corporate and Personal	1
ECON 102	Principles of Economics II	3
LDR 156	Microfinance and Sustainable Development OR	3
LEGL 266	Mediation, Negotiation, and Conflict Management	2
BUS 290-293	Work Experience in Business	2-4
Plus the courses required for the Community, Economic and Urban Development—Basic certificate		22
Total units		40-43

Computer Aided Design and Drafting

School of Health, Exercise Science, Athletics and Applied Technology

Dean Terry Davis, M.H.A., Office 1000K, 619-482-6551

Department Chair David Preciado, A.A.

General Description

Designed to provide students with the skills and technical knowledge requested by employers using Computer Aided Design and Drafting (CADD) in a variety of disciplines. This program focuses on the development of CADD skills and problem-solving strategies in the development of two- and three-dimensional models. Additional engineering options allow students to acquire advanced CADD skills in areas of special interest.

The CADD technology associate in science degree prepares the student for various job opportunities in a wide variety of disciplines. There is an increasing demand for competent engineering technicians knowledgeable in the use and application of CADD software. Students planning to enroll in a four-year college engineering program will benefit greatly by developing CADD skills used in most engineering departments.

Career Options

Below is a sample of the career options available for the computer aided design major. Some require a certificate of achievement and most require an associate in science degree: mechanical, aeronautical, structural, and civil engineering. New areas of use can be found in animation, simulation, and theatrical departments. While drafting boards are still in use, a large number of companies have integrated drafting boards with monitors and computers, requiring that today's engineers, designers, and draftsmen possess both essential drafting and CADD competencies.

Degree/Certificate Options

Major Code

Associate in Science Degree: Career/Technical

Computer Aided Design and Drafting	A2571
Design Technology	A2572

Certificates of Achievement

Computer Aided Design and Drafting—Advanced	A2576
Design Technology	A2577

Certificate of Proficiency

Computer Aided Design and Drafting—Basic	02569
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