

EDISON COLLEGE
DRAFTING AND DESIGN TECHNOLOGY
ASSOCIATE IN SCIENCE DEGREE

The Drafting and Design Technology Associate in Science Degree Program is designed to give students the necessary training and background for careers of a technical nature. The courses are designed to qualify students, through specialized and intensive instruction, for many technical positions.

The degree consists of 18 hours of general education requirements, 27 hours of degree core requirements, and 17 hours from the area of specialization. The student may choose electives from one of the following Drafting and Design specialization areas to complete the AS degree: Building Construction, Civil Engineering/Land Surveying, or Computer Aided Drafting (CAD).

There is an articulation agreement that allows this degree to transfer to a university bachelor's degree program. Please contact the Edison Baccalaureate and University Programs Division at 489-9295 for further information.

EDISON COLLEGE
DRAFTING AND DESIGN TECHNOLOGY – Code: AS DRDT
ASSOCIATE IN SCIENCE DEGREE
Civil Engineering / Land Surveying Specialization

COURSE PREREQUISITES: Refer to specific course descriptions listed in this Catalog.

EX: MAT 1033 is prerequisite for MAC 1105.

PROGRAM PREREQUISITES: NONE

GENERAL EDUCATION REQUIREMENTS:

			Credit Hours		
ENC	1101	Composition I	3	Fall	_____
SPC	1600	Fundamentals of Speech Communications	3		_____
MAC	1105	College Algebra	3	Spring	_____
		*Social Science Elective	3		_____
		**Humanities Elective	3		_____
		***Natural Science Elective	3	Sum A	_____
TOTAL			18	Sum B	_____

DEGREE CORE REQUIREMENTS:

ETD	1100	Engineering Graphics I (Manual)	4	Fall	_____
ETD	1320	Computer Aided Drafting	3		_____
ETD	2350	Advanced Computer Aided Drafting	3		_____
EGS	1001	Introduction to Engineering	3	Spring	_____
BCN	2710	Construction Procedures	4		_____
ENC	1102	Composition II (Technical Writing Emphasis)	3		_____
GIS	1040	Geographic Information Systems			
		Or			
BCN	1272	Blueprint Reading	3		
ETD	1538	AutoCad for Residential Architecture			
		Or			
ETD	1103C	Engineering Graphics I (CAD)	4		
TOTAL			27		

NAME	ID#
Academic Advisor	Date
Sandi Towers	K-116 (239) 489-9067
Contact	Office Phone

Civil Engineering/Land Surveying Specialization

SUR	1100C	Surveying	4
SUR	2140C	Advanced Surveying	4
MAC	1140	Pre-Calculus Algebra	3
MAC	1114	Trigonometry	3
		Electives	3
TOTAL			17
TOTAL CREDIT HOURS			62

Any courses taken through the Department of Learning Assistance are non-transferable. These courses include:

REA 9001	ENC 9010	MAT 9002
REA 9002	ENC 9020	MAT 9012
REA 9003	ENC 9021	MAT 9020
		MAT 9024

Electives

Electives may be chosen from: SUR1100C, SUR2140C, ETD1541, ETD1220, MAC1140 or MAC1114, ART2602C, GIS1045, GEB 1949

*Social Science Electives may be chosen from any course listed in the General Education Program under Social Science

**Humanities Electives may be chosen from any course listed in the General Education Program Guide under Humanities.

***Students can choose one of the following: ISC 1001C, ISC 1002C, AST 2005-AST 2005L, or GLY 1010-GLY 1010L

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ASSOCIATE IN SCIENCE DEGREE
CAD Specialization

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PROGRAM PREREQUISITES: NONE

GENERAL EDUCATION REQUIREMENTS:

			Credit Hours		
ENC	1101	Composition I	3	Fall	_____
SPC	1600	Fundamentals of Speech Communications	3		_____
MAC	1105	College Algebra	3	Spring	_____
		*Social Science Elective	3		_____
		**Humanities Elective	3		_____
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BCN	2710	Construction Procedures	4		_____
ENC	1102	Composition II (Technical Writing Emphasis)	3		_____
GIS	1040	Geographic Information Systems Or			_____
BCN	1272	Blueprint Reading	3		_____
ETD	1538	AutoCad for Residential Architecture Or			_____
ETD	1103C	Engineering Graphics I (CAD)	4		_____
TOTAL			27		_____

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CAD Specialization

ETD	1538	AutoCad Residential Architecture Or	
ETD	1103C	Engineering Graphics I (CAD)	4
ETD	1530	Drafting and Design (Manual)	4
GIS	1045	Geographic Information Systems Customization	3
		Electives	<u>6</u>
TOTAL			17
TOTAL CREDIT HOURS			62

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REA 9002	ENC 9020	MAT 9012
REA 9003	ENC 9021	MAT 9020
		MAT 9024

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05/08

Suggested come in non degree spring '08 (B) ETD 1320-CAD=Refresh for CPT-Do CAD cluster and on to AS

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ASSOCIATE IN SCIENCE DEGREE
Building Construction Specialization

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Ex: MAT 1033 is prerequisite for MAC 1105.

PROGRAM PREREQUISITES: NONE

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			Credit Hours		
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Building Construction Specialization

BCN	1230C	Materials & Methods of Construction	3
BCT	1760	Building Codes	2
BCT	2730	Construction Management	3
BCT	1770	Construction Estimating	3
BCT	2708	Advanced Construction Project Management	3
BCT	1720	Construction Scheduling	3
TOTAL			17
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