

2009-2010

COMPUTER AIDED DRAFTING AND DESIGN TECHNOLOGY

Associate of Applied Science  
Specialization: **Civil Drafting**

STUDENT NAME \_\_\_\_\_ SS# \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ CITY, STATE, & ZIP CODE \_\_\_\_\_  
 TELEPHONE (DAY) \_\_\_\_\_ EVE \_\_\_\_\_ ENROLLMENT DATE \_\_\_\_\_

PLACEMENT TESTING:

Alternative Exam:	Read	Writing	Math	*TSI COMPLETE/EXEMPT/WAIVED DATE: _____
Accuplacer/ASSET/COMPASS/THEA	_____	_____	_____	
ACT	_____	_____	_____	
SAT	_____	_____	_____	

\*Texas Success Initiative Rules

DEVELOPMENTAL COURSES (enter grade) \_\_\_\_\_ Orin 101 - College Success  
 Reading: \_\_\_\_\_ None \_\_\_\_\_ READ 70 \_\_\_\_\_ READ 80 \_\_\_\_\_ READ 90 \_\_\_\_\_ Non Course Remediation  
 Writing: \_\_\_\_\_ None \_\_\_\_\_ ENGL 71 \_\_\_\_\_ ENGL 81 \_\_\_\_\_ ENGL 91 \_\_\_\_\_ Non Course Remediation  
 Math: \_\_\_\_\_ None \_\_\_\_\_ MATH 80 \_\_\_\_\_ MATH 85 \_\_\_\_\_ MATH 90 \_\_\_\_\_ Non Course Remediation

Major Courses			SCH	COLLEGE	SEM/YR	GRADE	COMMENTS
<b>FIRST YEAR - FALL SEMESTER</b>							
<u>MATH</u>	<u>1414</u>	<u>College Algebra</u>	4				
COSC	1301	Microcomputer Applications	3				
DFTG	1305	Technical Drafting	3				
DFTG	1309	Basic Computer-Aided Drafting	3				
DFTG	1371	Introduction to the Civic Drafting Profession	3				
<b>FIRST YEAR - SPRING SEMESTER</b>							
<u>ENGL</u>	<u>1301</u>	<u>Composition</u>	3				
DFTG	2319	Intermediate Computer-Aided Drafting	3				
SRVY	1313	Plane Surveying	3				
DFTG	2321	Topographical Drafting	3				
SRVY	1315	Surveying Calculations I	3				
<b>FIRST YEAR - SUMMER</b>							
<u>SPCH</u>	<u>1311</u>	<u>Introduction to Speech Communication</u>	3				
SRVY	1341	Land Surveying	3				
DFTG	2330	Civil Drafting	3				
GISC	1311	Introduction to Geographic Info. Systems	3				
		**Program Elective	3				
<b>SECOND YEAR - FALL SEMESTER</b>							
<u>PSYC</u>	<u>2301</u>	<u>General Psychology or SOCI 1301</u>	3				
DFTG	2328	Architectural Drafting - Commercial	3				
SRVY	2309	Computer-Aided Mapping	3				
SRVY	1342	Global Positioning System Tech. For Survey/Mapping	3				
		Humanities Elective	3				
<b>SECOND YEAR - SPRING SEMESTER</b>							
DFTG	2332	Advanced Computer-Aided Drafting	3				
SRVY	2380	Cooperative Education - Survey Technology	3				
		**Program Elective	3				

IDENTIFIES COURSES TO FULFILL MINIMUM 15 HOURS GENERAL EDUCATION REQUIREMENT

\*\* See back of degree plan for Program Elective Options.

STUDENT'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ FACULTY/ADVISOR'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**2009-2010 CADD AAS - Specialization: Civil Drafting**

**PRE-REQUISITES:**

<b>MATH</b>	<b>1414</b>	<b>COLLEGE ALGEBRA</b> <i>Prerequisite: A score of 68+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the CLM ACCUPLACER Exam; or completion of MATH 0090 with a grade of "P", "C" or better, or equivalent.</i>
<b>COSC</b>	<b>1301</b>	<b>MICROCOMPUTER APPLICATIONS</b> <i>Prerequisite: Successful completion of READ 0090 or equivalent.</i>
<b>DFTG</b>	<b>1305</b>	<b>TECHNICAL DRAFTING</b> <i>Prerequisite: Concurrent enrollment in DFTG 1309.</i>
<b>DFTG</b>	<b>1309</b>	<b>BASIC COMPUTER-AIDED DRAFTING</b> <i>Prerequisite: Completion of or concurrent enrollment in DFTG 1305 or ARTC 1321.</i>
<b>DFTG</b>	<b>1371</b>	<b>INTRODUCTION TO THE CIVIL DRAFTING PROFESSION</b> <i>Prerequisite: None.</i>
<b>ENGL</b>	<b>1301</b>	<b>COMPOSITION</b> <i>Prerequisite: A score of 60+/E-6, E-7, E-8 or 80+/E-5 on the ACCUPLACER Exam for Writing, equivalent placement score, or completion of ENGL 0091 with a grade of "C" or better; <b>and</b> a score of 61 on the ACCUPLACER Exam for Reading, the completion of READ 0080 or equivalent.</i>
<b>DFTG</b>	<b>2319</b>	<b>INTERMEDIATE COMPUTER-AIDED DRAFTING</b> <i>Prerequisite: DFTG 1305, DFTG 1309, or ARTC 1321.</i>
<b>SRVY</b>	<b>1313</b>	<b>PLANE SURVEYING</b> <i>Prerequisite: DFTG 1309, MATH 1414 or TECM 1303.</i>
<b>DFTG</b>	<b>2321</b>	<b>TOPOGRAPHICAL DRAFTING</b> <i>Prerequisite: DFTG 1309.</i>
<b>SRVY</b>	<b>1315</b>	<b>SURVEYING CALCULATIONS I</b> <i>Prerequisite: DFTG 1309, Math 1414, or TECM 1303.</i>
<b>SPCH</b>	<b>1311</b>	<b>INTRODUCTION TO SPEECH COMMUNICATION</b> <i>Prerequisite: Completion of READ 0080 or equivalent.</i>
<b>SRVY</b>	<b>1341</b>	<b>LAND SURVEYING</b> <i>Prerequisite: SRVY 1313.</i>
<b>DFTG</b>	<b>2330</b>	<b>CIVIL DRAFTING</b> <i>Prerequisite: SRVY 1313 and DFTG 2321.</i>
<b>GISC</b>	<b>1311</b>	<b>INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS</b> <i>Prerequisite: Completion of, or concurrent enrollment in DFTG 1309.</i>
<b>PSYC</b>	<b>2301</b>	<b>GENERAL PSYCHOLOGY</b> <i>Prerequisite: Completion of READ 0080 with a grade of "C" or better or equivalent.</i>
<b>SOCI</b>	<b>1301</b>	<b>INTRODUCTORY SOCIOLOGY</b> <i>Prerequisite: Completion of READ 0080 with a grade of "C" or better or equivalent.</i>
<b>DFTG</b>	<b>2328</b>	<b>ARCHITECTURAL DRAFTING - COMMERCIAL</b> <i>Prerequisite: DFTG 1305, DFTG 1309; and completion of or concurrent enrollment in DFTG 2319.</i>
<b>SRVY</b>	<b>2309</b>	<b>COMPUTER-AIDED MAPPING</b> <i>Prerequisite: DFTG 2319, SRVY 1313, DFTG 2321 and DFTG 2330.</i>
<b>SRVY</b>	<b>1342</b>	<b>GLOBAL POSITIONING SYSTEM TECHNIQUES FOR SURVEY AND MAPPING</b> <i>Prerequisite: SRVY 1313 and DFTG 2330.</i>
<b>DFTG</b>	<b>2332</b>	<b>CAPSTONE: ADVANCED COMPUTER-AIDED DRAFTING</b> <i>Prerequisite: SRVY 1342, SRVY 2309, DFTG 2328 and GISC 1311.</i>
<b>SRVY</b>	<b>2380</b>	<b>COOPERATIVE EDUCATION-SURVEY TECHNOLOGY</b> <i>Prerequisite: DFTG 2328.</i>

**HUMANITIES ELECTIVE - 3 CREDITS ( Depending on the course, check the catalog for pre-requisites.)**

**\*\*Prerequisites for Program Elective Options:**

<b>SRVY</b>	<b>2313</b>	<b>CONTROL SURVEYING</b> <i>Prerequisite: SRVY 1341, DFTG 2321, and DFTG 2330.</i>
<b>DFTG</b>	<b>1317</b>	<b>ARCHITECTURAL DRAFTING - RESIDENTIAL</b> <i>Prerequisite: DFTG 1305, DFTG 1309, or ARTC 1321.</i>
<b>SRVY</b>	<b>2339</b>	<b>ENGINEERING DESIGN SURVEYING</b> <i>Prerequisite: SRVY 1341, DFTG 2321, DFTG 2330, and SRVY 1342.</i>
<b>SRVY</b>	<b>1349</b>	<b>SURVEYING CALCULATIONS II</b> <i>Prerequisite: SRVY 1315.</i>