EFFECTIVE: FALL 2007-2008

Interdisciplinary CAD Degree Plan

ARCHITECTURAL AND ENGINEERING COMPUTER AIDED DESIGN

www.austincc.edu/cad

Associate of Applied Science Degree 65-67 hours
Certificate 36 hours

REQUIRED 'INTERDISCIPLINARY' COURSES

DFTG-1405	Technical Drafting	
DFTG-2419*	Intermediate CAD	
	Restricted Elective[1] See list at right->	
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DFTG-1491+	Special Topics: PORTFOLIO	

Notes:

STUDENT: _____

DATE: _____ **Advisor's Initial** _____

RESTRICTED ELECTIVES

DFTG-1417	Architectural Drafting - Residential	
DFTG-1433	Mechanical Drafting	
DFTG-1458	Electrical/Electronic Drafting	
DFTG-1475	Advanced Pro E Surface Modeling	
DFTG-1492	ST in Arch Drafting: ADVANCED RESIDENTIAL	
DFTG-1494	ST in Elec/Electron: IC LAYOUT III	
DFTG-1495	ST in Mech Drafting: SOLIDWORKS	
DFTG-1495	ST in Mech Drafting: MEMS	
DFTG-2402	Machine Drafting	
DFTG-2405	Printed Circuit Board Design	
ARCE-1452*****	Structural Drafting	
DFTG-2412	Technical Illustration	
DFTG-1493	ST in Advanced Civil Drafting	
DFTG-2428	Architectural Drafting - Commercial	
DFTG-2430**	Civil Drafting	
DFTG-2432	Advanced Computer-Aided Drafting	
DFTG-2436	Computer-Aided Drafting Programming	
DFTG-2440	Solid Modeling/Design	
DFTG-2470	IC Layout and Design I	
DFTG-2471	IC Layout and Design II	
DFTG-2472***	Intro. to Geographic Information Systems	
DFTG-2473	Introduction to CAD/CAM	
DFTG-2474	Architectural Modeling	
MCHN-1419	Manufacturing Materials and Process	
ENGR-1201	Introduction to Engineering	
GEOG-2470	Intro. to Geographic Information Systems (GIS)	

GENERAL EDUCATION COURSE

(Choose from list below to equal 15hrs.)

English		
Math		
Oral Communication		
Arts & Humanities		
Social Behavior & Science		

Choose (1) from each category

ENGLISH
ENGL 1301 English Composition I
ENGL 1302 English Composition II

MATH
MATH 1314 College Algebra
MATH 1316 Trigonometry
MATH 1324 Math for Business & Economics
MATH 1332 College Mathematics
MATH 1333 Mathematics for Measurement
MATH 1342 Elementary Statistics
MATH 2318 Linear Algebra
MATH 2413 Calculus I
MATH 2414 Calculus II

SPEECH
SPCH 1311 Intro to Speech Communication
SPCH 1315 Fundamentals of Public Speaking
SPCH 1318 Interpersonal Communication
SPCH 1321 Business & Professional Speaking

SOCIAL BEHAV & SCIENCE
ANTH 2301 Physical Anthropology
ANTH 2351 Cultural Anthropology
ANTH 2302 Introduction to Archaeology
ECON 2302 Principles of Microeconom
ECON 2301 Principles of Macroeconom
GEOG 1301 Physical Geography
GEOG 1302 Cultural Geography
GOVT 2305 American Government
GOVT 2306 Texas State & Local
HIST 1301 U. S. History I
HIST 1302 U. S. History II
HIST 2301 Texas History
HIST 2327 U. S. History I: Mexican-
HIST 2328 U. S. History II: Mexican-
PSYC 2301 Intro to Psychology
SOCI 1301 Intro to Sociology

ARTS & HUMANITIES
ARTS 1301 Intro to the Visual Arts
ARTS 1303 Art History I
ARTS 1304 Art History II
COMM 1335 Intro to Radio and Television
DANC 2303 History & Appreciation of Dance
DRAM 1310 Introduction to the Theatre
DRAM 2366 Film Appreciation
ENGL 2322 British Literature I
ENGL 2323 British Literature II
ENGL 2327 American Literature I
ENGL 2328 American Literature II
ENGL 2332 World Literature I
ENGL 2333 World Literature II
ENGL 2342 Introduction to Literature I
ENGL 2343 Introduction to Literature II
FREN 1511 French I
FREN 1512 French II
FREN 2311 French III
FREN 2312 French IV
GERM 1511 German I
GERM 1512 German II
GERM 2311 German III
GERM 2312 German IV
HUMA 1301 Intro to Humanities
HUMA 1315 The Arts in Contemporary Society
JAPN 1511 Japanese I
JAPN 1512 Japanese II
JAPN 2311 Japanese III
JAPN 2312 Japanese IV
LATI 1511 Latin I
LATI 1512 Latin II
LATI 2311 Latin III
LATI 2312 Latin IV
MUSI 1301 Music Fundamentals
MUSI 1306 Music Appreciation
PHIL 1301 Intro to Philosophy
PHIL 2303 Logic
PHIL 2306 Ethics
RUSS 1511 Russian I
RUSS 1512 Russian II
RUSS 2311 Russian III
RUSS 2312 Russian IV
SPAN 1511 Spanish I
SPAN 1512 Spanish II
SPAN 2311 Spanish III
SPAN 2312 Spanish IV

AUSTIN COMMUNITY COLLEGE

[2] See General Education Course list.
*Replaces DFTG 1409 in previous A&E CAD degree plans. Students who have credit for DFTG 1409 should NOT enroll in DFTG 2419
**Replaces DFTG 2421 in previous A&E CAD degree plans. Students who have credit for DFTG 2421 should NOT enroll in DFTG 2430
***Replaces DFTG 2472 in previous A&E CAD degree plans. Replaces GEOG 1410. Students who have credit for DFTG 2472 should not enroll in GEOG 2470
****DFTG 5033 may be substituted for ITSW 1307, Call 223-4841 for details.
***** Replaces DFTG 2410 in previous A&E CAD degree plans. Students who have credit for DFTG 2410 should NOT enroll in ARCE 1452
+Capstone Course
NOTE: *There is some flexibility within the degree plans. See your A&E CAD faculty advisor for more information or contact Tyshun Robinson to schedule an advising appointment (512) 223-4841.*