



Architectural and Engineering Computer Aided Certificate Plan

Mechanical CAD Graphics-Effective Fall 2009-2010

STUDENT: _____

DATE: _____

ADVISOR _____

MECHANICAL BLOCK COURSES*		
DFTG-1405	Technical Drafting (AutoCAD)	Semester 1
DFTG-2419**	Intermediate Computer-Aided Drafting (AutoCAD)	Semester 2
DFTG-1433	Mechanical Drafting (INVENTOR)	Semester 2
DFTG-1458***	Electrical/Electronic Drafting (AutoCAD)	Semester 2
DFTG-1495	Special Topics (Solidworks)	Semester 3
DFTG-2440	Solid Modeling (ProE)	Semester 4
DFTG-2473	Intro to CAD/CAM (MasterCAM)	Semester 3
DFTG-2402	Machine Drafting (INVENTOR)	Semester 3
DFTG-1491+	Special Topics-Portfolio (All)	Semester 4

Notes:

***NOTE:** There is some flexibility within certificate and degree plans. In some instances, other A&E CAD courses, or approved technical electives, may be substituted for required courses with Department Chair approval. See your A&E CAD faculty advisor for more information or to schedule an advising appointment (512) 223-4841. All of the courses listed in the certificate plan can be applied toward the thirteen technical electives required for the Associate of Applied Science degree in the A&E CAD department.

Software used in each course is listed in parentheses

**Replaces DFTG 1409 in previous A&E CAD degree plans. Students who have credit for DFTG 1409 should NOT enroll in DFTG 2419

***MCHN 1419 Manufacturing Materials and Processes can be substituted for DFTG 1458. Note: DFTG 2473 is prerequisite for MCHN 1419.

+Capstone Course-This is a Distance Learning Class. Students seeking only a certificate must take this class. Students seeking an AAS degree can postpone taking this course until later semester. Call 223-4841 for information