

Shawnee State University

Computer Aided Drafting and Design

AAS

REQUIRED COURSES:	Semester Hours
First Semester, First Year	
ENGL 1102 Discourse & Composition	3
ETCA 1101 Engineering Drawing 1	3
ETCA 1201 Introduction to CADD	3
CTCA 1501 CADD Presentation 1	3
GEP Social Science Elective	3

Second Semester, First Year	
ETCA 1102 Engineering Drawing 2	3
ETCA 1202 Interm. CADD w/Design	3
ETCA 1301 3D Parametric Modeling	3
ETCO 1999 Special Topics*	3
MATH 1300 Precalculus	5

First Semester, Second Year	
ETCA 2201 Small Building Design	3
ETCA 2301 Advanced 3D CADD Design	3
ETCA 2401 Comp. Aided Machining & Machine Tools	3
ETCO 1310 Fluid Power	3
PHYS 2201 Physics 1	4

Second Semester, Second Year	
COMM 1103 Public Speaking & Human Communication	3
ETCA 2202 CADD Custom. & Autolisp	3
ETCA 2501 CADD Presentation 2	3
ETCO 2310 Statics & Strengths	3
XXXX General Elective	3

*Denotes course aligned for articulated credit, via method established on bilateral agreement

PATHWAY TAB INFORMATION			
Course Name	Postsecondary Institution	Credit Type	Credit Hours
ETCA 1301 3D Parametric Modeling	Shawnee State University	CTAG	3
ETCO 1999 Special Topics*	Shawnee State University	Bilateral	3