

**ENGINEERING DESIGN TECHNOLOGY
CERTIFICATES OF PROFICIENCY (CP2 & CP3)**

 2016-2017 Catalog Year
 COLLEGE OF TECHNOLOGY & COMPUTING

Certificate of Proficiency (CP2) in ARCHITECTURAL DESIGN TECHNOLOGY → 17 credits

COURSE NO	COURSE TITLE	CR	PREREQUISITE
EGDT 1000	Intro to Engineering Drawing & Tech. Design (Fall, Spring)	2	
EGDT 1020	3D Architectural Modeling (Fall, Spring, Summer)	3	
EGDT 1040	Computer Aided Drafting – AutoCAD (Fall, Spring)	3	EGDT 1000 recommended
EGDT 1100	Architectural Drafting (Fall, Spring)	3	EGDT 1000 & EGDT 1020 (C- grade or higher)
EGDT 1720	Architectural Rendering (Fall, Spring)	3	
EGDT 2100	Advanced Architectural (Fall Only)	3	EGDT 1100 & EGDT 1020 (C- grade or higher)

Certificate of Proficiency (CP2) in MECHANICAL DESIGN TECHNOLOGY → 17 credits

COURSE NO	COURSE TITLE	CR	PREREQUISITE
EGDT 1000	Intro to Engineering Drawing & Tech. Design (Fall, Spring)	2	
EGDT 1010	Electrical-Electronic Drafting (Fall, Spring)	3	EGDT 1000 & EGDT 1040 (C- grade or higher)
EGDT 1040	Computer Aided Drafting – AutoCAD (Fall, Spring)	3	EGDT 1000 recommended
EGDT 1070 or 1071	3 Dimensional Modeling – Inventor (Fall, Spring) or 3 Dimensional Modeling – SolidWorks (Fall, Spring, Summer)	3	
EGDT 1200	Mechanical Drafting (Fall, Spring)	3	EGDT 1000 & (EGDT 1070 or EGDT 1071) (C- or higher)
EGDT 2200	Advanced Mechanical (Spring Only)	3	EGDT 1200 & (EGDT 1070 or EGDT 1071) (C- or higher)

Certificate of Proficiency (CP2) in STRUCTURAL DESIGN TECHNOLOGY → 17 credits

COURSE NO	COURSE TITLE	CR	PREREQUISITE
EGDT 1000	Intro to Engineering Drawing & Tech. Design (Fall, Spring)	2	
EGDT 1020	3D Architectural Modeling (Fall, Spring, Summer)	3	
EGDT 1040	Computer Aided Drafting – AutoCAD (Fall, Spring)	3	EGDT 1000 recommended
EGDT 1300	Structural Drafting (Fall, Spring)	3	EGDT 1000 & EGDT 1040 (C- grade or higher)
EGDT 2300	Advanced Structural – CAD (Spring Only)	3	EGDT 1300 & (EGDT 1610 or MATH 1060) (C- or higher)
EGDT 2310	Structural Steel Modeling (Spring Only)	3	EGDT 1040 & EGDT 1300 (C- grade or higher)

Certificate of Proficiency (CP3) in CIVIL DESIGN TECHNOLOGY → 16 credits

COURSE NO	COURSE TITLE	CR	PREREQUISITE
EGDT 1000	Intro to Engineering Drawing & Tech. Design (Fall, Spring)	2	
EGDT 1040	Computer Aided Drafting – AutoCAD (Fall, Spring)	3	EGDT 1000 recommended
EGDT 1400	Surveying (Fall, Spring, Summer)	3	
EGDT 2400	Surveying Applications (Fall Only)	3	EGDT 1040, 1400 & (EGDT 1600 or MATH 1060)
EGDT 2500	3 Dimensional Modeling – Civil 3D (Fall Only [catalog says Spring])	3	EGDT 1040 & EGDT 1400 (C- grade or higher)
EGDT 2730	Special Problems – Civil Drafting Note: Take EGDT 3500 – Advanced Civil Drafting & Design (Spring Only) here and we will do a substitution and have it count as EGDT 2730 for this certificate	2	EGDT 1400 (C- grade or higher) Note: Prereqs for EGDT 3500 are EGDT 1040 – AutoCAD OR EGDT 1060 – Microstation AND EGDT 1400 all with C- or higher

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