

SOUTHERN UTAH UNIVERSITY

DEPARTMENT OF ENGINEERING & TECHNOLOGY

Certificate in Civil Drafting/CAD

2016-17 Catalog Requirements

COURSE	TITLE	OFFERED	PREREQ.	CREDIT	
CCET 1010	Engineering Technology Graphics	F/S		3	
CCET 1040	Computer Aided Design	F/S		3	
CCET 3670	Civil Design	S	CCET 1010, 1040	3	
CCET 2240	Surveying and GPS	F	MATH 1060	2	
CCET 2245	Surveying and GPS Lab	F	co: ENGR 2240	1	
MATH 1060	Plane Trigonometry	F/S/M	MATH 1010	3	
				<u>15 hours</u>	
ELECTIVE: <u>MUST</u> choose one class from electives list below for a total of 2 credits					
CCET 1030 Intro to CAD/CAM 3D Design 3					
CCET 2620 3-D Design 3					
CCET 2650 Mechanical Blueprint Reading 2					
CCET 3610 Architectural Design 3					
CCET 3630 Fundamentals of CATIA 3					
CCET 3650 Residential Drafting 3					
CCET 3680 CNC Design 3					
CCET 4600 Engineering Design 3					
CCET 4610 Advanced Solid Modeling 3					
CCET 4690 CNC Software and Applications 3					
ENGR 2010 Statics 3					
ENGR 2140 Strength of Materials 3					
ENGR 2145 Strength of Materials Lab 1					
ENGR 3010 Materials Science Engineering 3					
COMM 1010 Essentials of Communications 3					
EET 3760 Electronic Design and Fabrication 3					
GEOG 2900 GPS Theory, Techniques and Methods 2					
GEOG 2920 Workshop 1-3					
GEOG 3500 Intro to Cartography 3					
GEOG 3505 Intro to Cartography Lab 1					
GEOG 3550 Principles of GIS 3					
GEOG 3555 Principles of GIS Lab 2					
GEOG 4150 Advanced GIS Analysis Methods Lab 3					
GEOG 4500 GIS Research Project (Capstone) 3					
GEOG 4920 Workshop 1-3					
				2	
For a total of				17	Credits