UTAH VALLEY UNIVERSITY

ENGINEERING DESIGN TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE (AAS)
2019-2020 Catalog Year
COLLEGE OF ENGINEERING AND TECHNOLOGY

General Education Requirements (19 credits)

Course No.	Course Title	Cr	Prerequisite(s)
ENGL 1010	Intro to Writing	3	Placement test
EGDT 1600	Technical Math or (Math 1050 College Algebra)	3-4	Appropriate test scores / Math 1000 or 1010
EGDT 1610	Technical Math Geometry/Trig or (Math 1060 Trigonometry)	3	EGDT 1600 / Math 1050 or 1055
Humanities or Fine Arts or Languages	See list of approved General Education courses with (FF) or (HH) attribute	3	
Social/Behavioral Sciences	See list of approved General Education courses with (SS) attribute	3	
PHYS 1010	Elementary Physics	3	Math 1010
PES 1097	Fitness for Life (or another PES class)	2	

EGDT Discipline Core Classes (48 credits)

Course No.	Course Title	Cr	Prerequisite(s)
EGDT 1010	Electrical-Electronic Drafting	3	EGDT 1040 (C- grade or higher)
EGDT 1020	3D Architectural Modeling (Revit)	3	
EGDT 1040	Computer Aided Drafting - Auto CAD	3	
EGDT 1070 or 1071	3D Modeling – Inventor or Solidworks	3	
EGDT 1100	Architectural Drafting	3	EGDT 1020 (C- grade or higher)
EGDT 1200	Mechanical Drafting	3	EGDT 1070 or 1071 (C- grade or higher)
EGDT 1300	Structural Drafting	3	EGDT 1040 (C- grade or higher)
EGDT 1400	Surveying Applications and Field Techniques	3	
EGDT 285R	AEC Design Lecture Series	0.5	
EGDT 2860	Cooperative Correlated Instruction / Skills USA	0.5	
EGDT 2020	Descriptive Geometry	3	EGDT 1000 and EGDT 1040 (C- grade or higher)
EGDT 2040	Piping Drafting	2	EGDT 1040 (C- grade or higher)
EGDT 2050	Plate Layout	2	EGDT 2020 (C- grade or higher)
EGDT 2600	Statics	3	EGDT 1610 or Math 1060 (C- grade or higher)
EGDT 2610	Strength of Materials	3	EGDT 2600 (C- grade or higher)
EGDT 2870	Portfolio and Career Preparation	1	

DRAFTING TECHNOLOGY (EGDT) ELECTIVES LIST – choose 9 credits / 3 classes

Course No.	Course Title	Cr	Prerequisite(s)
EGDT 1050	Introduction to 3D Printing	2	
EGDT 1060	Microstation	3	
EGDT 1080	AutoLisp	2	EGDT 1040 (C- grade or higher)
EGDT 2010	Advanced Electrical CAD	2	EGDT 1010 and EGDT 1040 (C- grade or higher)
EGDT 2100	Advanced Architectural	3	EGDT 1100 & EGDT 1020 (**C-** grade or higher)
EGDT 2200	Advanced Mechanical	3	EGDT 1200 and (EGDT 1070 or 1071) (C- grade or higher)
EGDT 2300	Advanced Structural CAD	3	EGDT 1300 and (Math 1060 or EGDT 1610) (C- grade or higher)
EGDT 2310	Structural Steel Modeling	3	EGDT 1040 and EGDT 1300 (C- grade or higher)
EGDT 2400	Surveying II	3	EGDT 1400, EGDT 1040 (EGDT 1600 or MATH 1060) (**C-** grade or higher)
EGDT 2740	Special Problems in Architecture	2	EGDT 1100 (C- grade or higher)
EGDT 2500	3 Dimensional Modeling – Civil 3D	3	EGDT 1040, EGDT 1400 (**C-** grade or higher)
EGDT 281R	Coop. Work Experience – Internship	2	See Advisor. Limited to 2 credit hours.
EGDT 3500	Advanced Civil Drafting & Design	3	EGDT 1040 and EGDT 1400 (C- grade or higher)

Graduation Requirements for AAS degree in Drafting Technology:
1. Completion of a minimum of 67 semester credits.
2. Overall grade point average 2.0 (C) or above.
3. Residency hours: minimum of 20 credit hours through attendance at UVU.
4. Completion of Gen Ed. and dept. requirements, including a portfolio and exit interview

Note:
- Completion of AAS in Drafting will fulfill Technical Specialty (45 credits) required for matriculation and graduation for BS in Tech Mgmt degree
- See Current Online Catalog for courses that meet General Education Requirements: http://www.uvu.edu/catalog/current/policies-requirements/general-education.html

UVU – Architecture and Engineering Design Technology ADVISOR

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