UTAH VALLEY UNIVERSITY

Department of ENGINEERING GRAPHICS & DESIGN TECHNOLOGY

AS - Engineering Design Technology

Legend
General Ed
Major
Elective
* Concurrent Enrolment

Certificate of Proficiency
Architectural Design Technology
Total Credits: 17

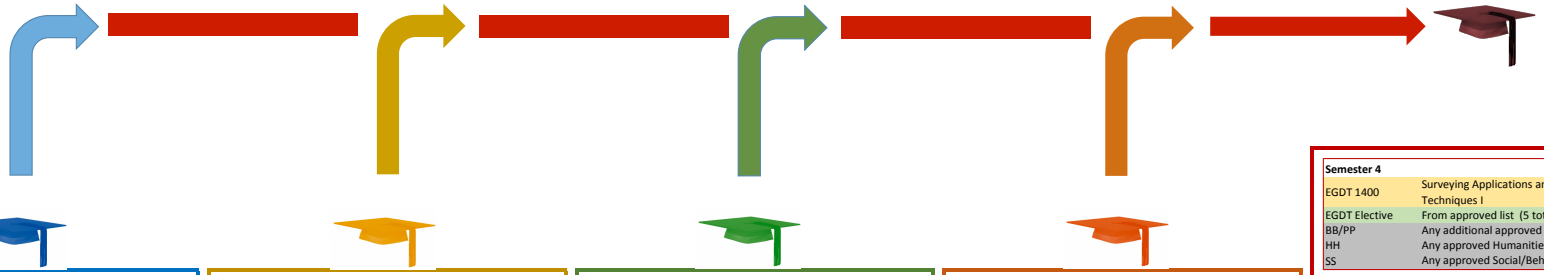
Certificate of Proficiency
Civil Design Technology
Total Credits: 16

Certificate of Proficiency
Mechanical Design Technology
Total Credits: 17

Certificate of Proficiency
Structural Design Technology
Total Credits: 17

Associate of Science
Engineering Design Technology
Total Credits: 61

EDT Stackable Tracks



Semester 3

EGDT 2100	Advanced Architectural	3

Semester 2

EGDT 1100	Architectural Drafting	3
EGDT 1720	Architectural Rendering	3

Semester 1

EGDT 1000*	Introduction to Engineering Drawing & Technical Design	2
EGDT 1020*	3D Architectural Modeling	3
EGDT 1040*	Computer Aided Drafting - AutoCAD	3

Graduation Requirements:
1. Completion of a minimum of 17 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

1) If long-range goal is the AS, take additional classes to stay on track for graduation. 2) Students are responsible for completing all prerequisite courses.

Semester 3

EGDT 2730	Special Problems - Civil Drafting	2

Semester 2

EGDT 2400	Surveying Applications and Field Techniques II	3
EGDT 2500	3 Dimensional Modeling--Civil 3D	3

Semester 1

EGDT 1000*	Introduction to Engineering Drawing & Technical Design	2
EGDT 1040*	Computer Aided Drafting - AutoCAD	3
EGDT 1400	Surveying Applications and Field Techniques I	3

Graduation Requirements:
1. Completion of a minimum of 16 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 4 credit hours through course attendance at UVU.

1) If long-range goal is the AS, take additional classes to stay on track for graduation. 2) Students are responsible for completing all prerequisite courses.

Semester 3

EGDT 2200	Advanced Mechanical	3

Semester 2

EGDT 1010	Electrical-Electronic Drafting	3
EGDT 1200	Mechanical Drafting	3

Semester 1

EGDT 1000*	Introduction to Engineering Drawing & Technical Design	2
EGDT 1040*	Computer Aided Drafting - AutoCAD	3
EGDT 1070* or EGDT 1071*	3D Computer Modeling - Inventor 3D Computer Modeling - Solidworks	3

Graduation Requirements:
1. Completion of a minimum of 17 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

1) If long-range goal is the AS, take additional classes to stay on track for graduation. 2) Students are responsible for completing all prerequisite courses.

Semester 3

EGDT 2300	Advanced Structural	3
EGDT 2310	Structural Steel Modeling	3

Semester 2

EGDT 1300	Structural Drafting	3

Semester 1

EGDT 1000*	Introduction to Engineering Drawing & Technical Design	2
EGDT 1020*	3D Architectural Modeling	3
EGDT 1040*	Computer Aided Drafting - AutoCAD	3

Graduation Requirements:
1. Completion of a minimum of 17 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

1) If long-range goal is the AS, take additional classes to stay on track for graduation. 2) Students are responsible for completing all prerequisite courses.

Semester 4

EGDT 1400	Surveying Applications and Field Techniques I	3
EGDT Elective	From approved list (5 total req.)	3
BB/PP	Any additional approved BB/PP	3
HH	Any approved Humanities	3
SS	Any approved Social/Behavioral Science	3

Semester 3

EGDT 1100	Architectural Drafting	3
EGDT Elective	From approved list (5 total req.)	2
EGDT 1720 or FF	Architectural Rendering or Any approved Fine Arts	3
HLTH 1100 or PES 1097	Personal Health and Wellness Fitness for Life	2
BB	Any approved Biology	3
PP	Any approved Physical Science	3

Semester 2

EGDT 1020*	3D Architectural Modeling	3
EGDT 1200	Mechanical Drafting	3
EGDT 1300	Structural Drafting	3
ENGL 2010 or ENGL 2020	Intermediate Writing - Humanities/Social Science Intermediate Writing - Science and Technology (recommended)	3
PHIL 2050	Ethics and Values	3

Semester 1

EGDT 1070* or EGDT 1071*	3D Computer Modeling - Inventor 3D Computer Modeling - Solidworks	3
EGDT 1040*	Computer Aided Drafting - AutoCAD	3
ENGL 1010	Intro to Writing	3
MATH 1030 or MATH 1040 or MATH 1050	Quantitative Reasoning Introduction to Statistics College Algebra (recommended)	3
AS	Any approved American Institutions	3

Graduation Requirements:
1. Completion of a minimum of 61 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

NOTES: Take recommended courses in sequence. Follow the recommended electives (green) in the stackable tracks to ensure timely completion of advanced degrees. Not following this plan could lead to taking extra classes that do not count toward an advanced degree or could create prerequisite dependency problems, which could delay final graduation.