

Associate of Science - Engineering Design Technology

Mechanical Drafting & Design

2025-2026 Catalog Year

First 2 Years - Course Sequence Sheet

For more information, please contact the College of Engineering & Technology Advising Center or First Year Advising Center

First Year Fall	Credits
EGDT 1071: 3 Dimensional Modeling - SolidWorks	3
EGDT 1040: Fundamentals of Technical Engineering Drawing	3
ENGL 1010: Intro to Academic Writing	3
MATH 1050 -OR- Math Equivalent	4
Fine Arts Distribution*	3
TOTAL	16

First Year Spring	Credits
EGDT 1010: Electrical Drafting & Design	3
EGDT 1050: Intro to 3D Printing & Fabrication	2
ENGL 2010: Intermediate Writing	3
American Institution Distribution	3
PHYS 1010: Ele. Physics -OR- PHYS 2010: College Physics**	3
General Elective	2
TOTAL	16

Second Year Fall	Credits
EGDT 1200: Mechanical Drafting & Design	3
EGDT 2600: Applied Structures 1: Statics	3
Drafting Elective	3
Biology Distribution	3
Social Science Distribution	3
TOTAL	15

Second Year Spring	Credits
EGDT 2200: Advanced Mechanical	3
EGDT 2610: Applied Structures 2: Strength of Materials	3
Humanities Distribution	3
Personal & Civic Distribution	3
General Elective	3
TOTAL	15

Apply for Graduation for the AS Engineering Design Technology

****See Graduation Requirements Below****

Fall Only Class

Spring Only Class

*EGDT 1720 is recommended for Fine Arts Distribution

**Completing PHYS 1010 or PHYS 2010 is Highly Recommended before taking EGDT 2600

Graduation Requirements

1. Completion of a minimum of 62 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours-- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.

Math Requirements

1. MATH 1050 or MATH 1055 is recommended for the Mechanical Drafting Track.
2. If students take an applicable lower math GE course, they will want to complete EGDT 1600 & EGDT 1610 to meet prerequisites for EGDT 2600.
3. If a student's ACT score is above a 26 and it shows at the bottom of Wolverine Track as QL 1900 - ACT/SAT - Math (26/660), it can be substituted for Math GE requirements.
4. QL 1900 meets the prerequisite requirement for EGDT 2600: Applied Structures 1 - Statics.

Stackable Credentials

CP2 - Mechanical Design Technology