

Associate of Science - Engineering Design Technology

Structural 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 1020: 3D Architectural Modeling	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 1100: Residential Architectural Drafting & Design	3
MATH 1060 -OR- EGDT 1600	3
ENGL 2010: Intermediate Writing	3
American Institution Distribution	3
PHYS 1010: Ele. Physics -OR- PHYS 2010: College Physics**	3
TOTAL	15

Second Year Fall	Credits
EGDT 1300: Structural Drafting and Design	3
EGDT 2600: Applied Structures 1: Statics	3
Humanities Distribution	3
Biology Distribution	3
Social Science Distribution	3
General Elective -OR- EGDT 1610	2
TOTAL	17

Second Year Spring	Credits
EGDT 2300: Advanced Structural CAD	3
EGDT 2610: Applied Structures 2: Strength of Materials	3
EGDT 2310: Structural Steel Modeling -OR- Drafting Elective	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 63 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 Structural Drafting & Design Track.
2. If students take an applicable lower math GE course, they can complete EGDT 1600 & EGDT 1610 instead of MATH 1060.
3. EGDT 1600 & EGDT 1610 meet prerequisite requirements for EGDT 2300 and EGDT 2600
4. 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.
5. QL 1900 meets the prerequisite requirement for EGDT 2600; however, does not meet prerequisites for EGDT 2300.
6. If students have QL 1900 credit, it is within 2 years of taking the ACT, and they have an applicable ACT score, they will want to take MATH 1060.
7. If students have QL 1900 credit but it is after 2 years or do not have applicable ACT score for MATH 1060, QL 1900 meets prerequisites for EGDT 1600.

Stackable Credentials

CP2 - Structural Design Technology