

Design your future. Venture into a rewarding career in Engineering Technology and solve challenges with technical expertise.

ADVISOR



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To schedule an appointment online, visit caas.usu.edu/advising

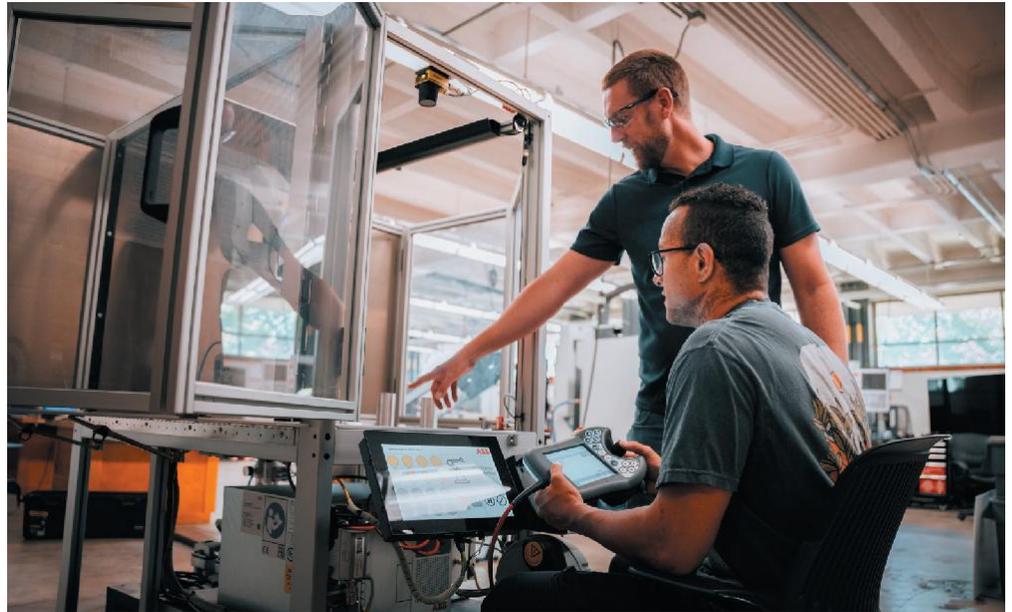
Locations

Logan Main Campus, Statewide Campuses, Online

Is this a Stackable Degree?

This BAS degree can be stacked on top of the Engineering Technology AAS degree.

Technology,
Design & Technical
Education



The Engineering Technology Program equips students with the skills to design and implement solutions for technical challenges in automation, manufacturing, and consumer products. With a strong emphasis on hands-on learning, this program ensures that graduates are thoroughly prepared to tackle real-world challenges and achieve success in their careers.

a MAJOR for students who...

Enjoy Engineering Technology, Hand-on Learning, Manufacturing, Fabrication, 3D Printing, Projects, Automation, Material Science, Building Things, Arduino, CAD, Digital Design, Technology, CNC Machining, Welding

Career Opportunities for Graduates

- Configuration Technologist
- Controls Engineer Technologist
- Customer Engineering Technologist
- Engineering Design Technologist
- Engineering Technologist
- Industrial Engineering Technologist
- Mechanical Engineering Technologist
- Product Engineer Technologist
- Product Technologist
- Production Support Engineer Technologist
- Project Engineer Technologist Program Manager
- Robotics Embedded Development Technologist
- Systems Engineering Technologist
- Technical Program Manager



Four Year PLAN

Here is a tentative program of study for this degree. If you are interested in developing your own customized, individual program of study, please schedule an appointment with the academic advisor listed on the first page of this requirement sheet.

FRESHMAN FALL

DATA	1100	Excel for Business Analysis	1
ENGL	1010	Writing as Inquiry (CL1)	3
ETEC	1000	Introduction to Engineering Technology	1
MATH	1050	College Algebra (QL)	4
TESY	1200	Computer-Aided Drafting and Design	3
BCA		Breadth Creative Art (BCA)	3
Total Credits			15

FRESHMAN SPRING

ETEC	1010	Engineering Technology Principles	3
ETEC	2300	Introduction to Electronics	4
MATH	1060	Trigonometry	2
TESY	1030	Material Processing Systems	3
		Technical Elective	3
Total Credits			15

SOPHOMORE FALL

CHEM	1210	Principles of Chemistry I	4
CHEM	1215	Chemical Principles Laboratory I	1
ENGL	2020	Professional Communications (CL2)	3
ETEC	2310	Electronic Systems	3
MATH	1210	Calculus 1 (QL)	4
TESY	2200	Intermediate CAD	3
Total Credits			18

SOPHOMORE SPRING

APEC	1600	Natural Resources and American Economic Institutions (BAI)	3
ETEC	2020	Intro to Automation	3
ETEC	2200	Eng. Tech Communications	3
PHYS	1200	Introduction to Physics by Hands-On Exploration (BPS)	4
		Technical Elective	3
Total Credits			16

JUNIOR FALL

ETEC	3130	Manufacturing & Quality Systems	3
ETEC	3850	Statics and Strengths of Materials	3
TESY	3270	Advanced Computer Aided Drafting	3
STAT	2000	Statistical Methods (QI)	4
		Upper Division Technical Elective	3
Total Credits			16

JUNIOR SPRING

ETEC	3010	Materials Sciences for Engineering Technology	3
ETEC	3020	Energy Systems	3
MGT	3700	Operations Management	3
BLS		Breadth Life Science (BLS)	3
		Upper Division Technical Elective	3
Total Credits			15

SENIOR FALL

ETEC	4200	Technical Communications	3
ETEC	4900	Senior Capstone I	3
MGT	3600	Project Management	2
BHU		Breadth Humanities (BHU)	3
		Upper Division Technical Elective	3
Total Credits			14

SENIOR SPRING

ETEC	4910	Senior Capstone II	3
MSLE	3110	Managing Organizations and People	3
TESY	3000	Hazard Recognition/Control	3
BSS		Breadth Social Science (BSS)	3
		Upper Division Technical Elective	3
Total Credits			15