

INDUSTRIAL TECHNOLOGY (B.S.TECH.)

The Industrial Technology Bachelor of Science degree program is designed to provide students with the opportunity to develop in-depth knowledge and hands-on experience in basic and advanced industrial processes, procedures, planning, and management.

Required coursework includes the university requirements (regulation J-3 (<https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees>)) and the following:

Code	Title	Hours
MHR 311	Introduction to Management	3
CHEM 111	General Chemistry I	3
CHEM 111L	General Chemistry I Laboratory	1
ECON 202	Principles of Microeconomics	3
ENGL 317	Technical Writing	3
ENGR 105	Engineering Graphics	2
INDT 310	Introduction to Industrial Technology	3
INDT 311	Problems in Industrial Technology	1
INDT 332	Introduction to Analog and Digital Electronics	4
INDT 333	Industrial Electronics and Control Systems	3
INDT 350	Introduction to Materials Science	3
INDT 353	Manufacturing Systems	3
INDT 362	Behavior Based Safety	3
INDT 415	Impact of Technology on Society	3
INDT 434	Power Generation and Distribution	3
INDT 435	Network Administration	3
INDT 442	Systems Integration	3
INDT 443	Government Contract Law	3
INDT 444	Quality Assurance Organization and Management	3
INDT 446	Labor Law	3
INDT 448	Project and Program Management	3
INDT 453	Computer Integrated and Robotics Manufacturing Technology	3
INDT 462	Industrial Safety	3
INDT 484	Industrial Technology Capstone I	3
INDT 485	Industrial Technology Capstone II	3
MATH 160 or MATH 170	Survey of Calculus Calculus I	4
PHYS 111	General Physics I	3
PHYS 111L	General Physics I Lab	1
PHYS 112	General Physics II	3
PHYS 112L	General Physics II Lab	1
PSYC 101	Introduction to Psychology	3
STAT 251 or STAT 301	Statistical Methods Probability and Statistics	3
Select Technical Electives (not limited to the following): ¹		13
INDT 457	Lean to Green Sustainable Technology	
INDT 463	Industrial Transportation Safety	
INDT 464	Human Performance Fundamentals	
INDT 465	Construction Safety	

INDT 466	Human Performance Field Investigation
INDT 470	Homeland Security
INDT 472	National Incident Management Systems
Total Hours	102

- ¹ This degree is currently only available at the Idaho Falls Center
- ² Elective credit can also be obtained through Technical Competency. Up to 24 credits can be obtained in this manner. Consult with your advisor for information on this process.

Courses to total 122 credits for this degree