

Belmont College – Ohio University Plan

Engineering Technology and Management Program Pathway

The Bachelor of Science, Engineering Technology and Management major, combines technical courses, with a business minor, quantitative sciences, natural sciences, and general education to prepare graduates for technical, management, and/or applied engineering positions in business and industry. Common starting job titles include: manufacturing engineer, quality engineer, process engineer, applications engineer, sales engineer, production manager, project manager, and operations manager. The Engineering Technology and Management program is accredited by the Association of Technology Management and Applied Engineering (for more information see www.atmae.org).

Over 90% of the Engineering Technology and Management courses include lab activities in which students apply the theory they learned in the classroom to “real life” problems and projects. These activities are not simply simulation; they have real outcomes as well as consequences. This activity based, “hands on”, approach to learning provides students technical knowledge as well as continuously improving their problem-solving skills. The Engineering Technology and Management graduate is a technical generalist who is competent in assessing problems and proposing solutions to improve productivity related to product specifications, materials and processes, industrial control and information systems, and operations management.

Admission Requirements

- Students who wish to transfer must have earned a C or better in a math course and a science course.
- Transfer students who have earned fewer than 20 semester hours of credit at another accredited collegiate institution may be admitted directly, if they meet the general requirements for admission to Ohio University.
- Transfer students who have earned more than 20 semester hours of credit at another accredited collegiate institution may be admitted directly, if they meet the general requirements for transfer students, including a GPA greater than 2.5.
- Students must have a GPA of 2.0 or higher for all courses taken, for all courses taken in the Russ College, and for all courses taken in the intended major.
- Students must also have successfully completed all required courses in three attempts and have no required course they have attempted twice without success. For some courses, success means a grade of at least a C or C-.
- Official transcripts sent directly to Ohio University from all colleges and universities you have attended.

Application Information

Apply online <https://admissions.ohio.edu/apply/>

Students can complete this program on Athens campus.

Submit all college-level transcripts to:

Undergraduate Admissions
Ohio University
Chubb Hall 120
1 Ohio University Drive
Athens, OH 45701

Ohio University Contact Information

Undergraduate Admissions

740.593.4100

E-mail general questions to

transfer@ohio.edu

For more information visit www.ohio.edu/belmont-college



OHIO
UNIVERSITY

Undergraduate Admissions
Chubb Hall 120
1 Ohio University Drive
Athens OH 45701-2979

T: 740.593.4100
www.ohio.edu



Graduation Pathway: Belmont College Industrial Electronics Technology (AAS) to Ohio University Engineering Technology and Management

Belmont College Industrial Electronics Technology Courses

Courses that may satisfy Ohio University BRICKS General Education requirements are inside brackets [].

Semester 1 Belmont College	Semester Hours	OHIO University Equivalent Course
EIE 1301 Electrical Circuits	4.0	
EIE 1201 Digital Electronics	4.0	EE 1XXL
ENG 1110 Composition I	3.0	[ENG 1510]
MAT 1130 College Algebra	4.0	[MATH 1200]
Total	15.0	

Semester 2 Belmont College	Semester Hours	OHIO University Equivalent Course
CPT 2247 C++ Programming	3.0	
BUS 1125 Supervision and Management	3.0	BMT 1500
MAT 1140 Trigonometry	4.0	[MATH 1322]
PHY 1110 Physics I	5.0	[PHYS 2001]
Total	14.0	

Semester 3 Belmont College	Semester Hours	OHIO University Equivalent Course
COM 1110 Interpersonal Communications	3.0	COMS 2060
ECN 1110 Macroeconomics	3.0	[ECON 1040]
EIE 2105 Analog Electronics	4.0	
PHY 1112 Physics II	5.0	[PHYS 2002]
Electronics Elective (<i>suggested course: CPT 1100</i>)	3-4	CTCH 1250
Total	18.0-19.0	

Semester 4 Belmont College	Semester Hours	OHIO University Equivalent Course
EIE 2120NEC	2.0	ENGT 2XXL
FST 1116 Workplace Safety	1.0	
EIE 2301DC & AC Machinery	4.0	ENGT 2000
EIE 2190 Electronics Capstone OR EIE 2288 and EIE2289 Engineering Technology Internship and Engineering Technology Seminar	2.0	EE 2XXL
Arts & Humanities Elective (<i>suggested course: ART 2110 or MUS 2110</i>)	3.0	[ART 1100] or [MUS 1250]
Electronics Elective	3.0-4.0	Varies
Total	15.0-16.0	



OHIO
UNIVERSITY

Undergraduate Admissions
Chubb Hall 120
1 Ohio University Drive
Athens OH 45701-2979

T: 740.593.4100
www.ohio.edu



Engineering Technology and Management Online Required General Courses, Business Minor, and Major Requirements

OHIO University BRICKS General Education Requirements and General Courses

Courses completed through Belmont College or OHIO.

General education requirement courses that may also satisfy program requirements are inside brackets ([]).

HIST courses marked with an asterisk (*) will automatically equate to fill Pillars Humanities Texts and Contexts, but may alternately equate to fill Pillars Social and Behavioral Sciences.

OHIO Course Name	OHIO Course Number	Belmont College Course Number
English Composition	[ENG 1510]	[ENG 1110]
Fundamentals of Public Speaking	[COMS 1030]	[COM 1115] or [COM 1120]
Introduction to Global Health	[IHS 2210]	
Calculus	[MATH 1300], [MATH 1350], or [MATH 2301]	[MAT 1150], [MAT 2110 and MAT 2112], [MAT 2120]
Statistics	[MATH 2500] or [ET 2400]	
Chemistry or Biological Science	[CHEM 1210], CHEM 1500, or [BIOS 2210]	[CHM 1110]
Physics or Biological Science	[PHYS 2001], [PHYS 2051], or [BIOS 1700]	[PHY 1110]
Complete one of the following Foundations: Advanced Writing requirement	[ENG 2800]	[ENG 1120] or [ENG 1125]
Complete one of the following Arches: Constructed World	[MATH 2301]	[MAT 2110] or [MAT 2120]
Complete one of the following Pillars: Humanities: Texts and Contexts requirement	[ENG 2510], [ENG 2510], [ENG 2530], [ENG 2540], [HIST 1210], [HIST 1220], [PHIL 1010], [PHIL 1300]	[ENG 2110], [ENG 2112], [ENG 2120], [ENG 2122], [HIS 1110*], [HIS 1112*], [PHL 2120], or [PHL 2130]

Business Minor Courses

Courses completed through Washington State College of Ohio or OHIO.

Required combined 2.0 GPA for business minor.

OHIO Course Name	OHIO Course Number	Washington State Course Number
Foundations for Accounting	ACCT 1005 or ACCT 1010	ACC 1120
Foundations for Financial Management	FIN 3000	
Introduction to Management	MGT 2000	
Business Information Systems	MIS 2021	
Marketing Principles	MKT 2020	

OHIO University Bachelor of Science in Engineering Technology and Management Courses

Courses completed through Washington State College of Ohio or OHIO.

General education requirement courses that may also satisfy program requirements are inside brackets [].

Complete the following courses with a grade of C or better:

Courses completed through Belmont College or OHIO.

OHIO Course Name	OHIO Course Number	Belmont College Course Number
Engineering and Technology: Career Orientation	ET 1500	



OHIO
UNIVERSITY

Undergraduate Admissions T: 740.593.4100
Chubb Hall 120 www.ohio.edu
1 Ohio University Drive
Athens OH 45701-2979



Engineering Technology and Management Core Requirements

Courses completed through Belmont College or OHIO.

Complete the following courses with a grade of C or better:

General education requirement courses that may also satisfy program requirements are inside brackets ([]).

OHIO Course Name	OHIO Course Number	Belmont College Course Number
The History of Engineering and Technology in Society or Technology in World History	[ET 1000] or [ET 2905] or [HIST 2905]	
Engineering Graphics Fundamentals	ET 1100	ECE 1120
Enterprise Computer Methods	ETM 1030	
Introduction to Engineering and Technological Sciences	ETM 1130	
Industrial Plastics	ETM 2080	
Metal Fabrication and Casting	ETM 2180 or ETM 2180C	
Applied Mechatronics	ETM 2210	
Production Metal Machining	ETM 2510	
Applications of Object-Oriented Programming	ETM 3030	
Product Design	ETM 3100	
The History of Engineering and Technology in Society or Technology in World History	[ET 1000] or [ET 2905] or [HIST 2905]	
Product Design	ETM 3100	
Hydraulics and Pneumatics	ETM 3200	
Database Applications & Analytics	ETM 3310	
Electronics and Micro-Controllers	ETM 3320	
Production Tooling	ETM 3510	
Supervision and Leadership	ETM 3620	
Quality Management Systems	ETM 3630	
Enterprise Project Management	ETM 3830	
Senior Seminar	ETM 4000	
Lean Enterprise Methods	ETM 4320	
Automation, Robotics & Control Systems	ETM 4350	
Operations Management Capstone I	ETM 4621	
Operations Management Capstone II	[ETM 4622]	
Complete at least 3 hours from the following courses:	ETM 3420, ETM 3480, ETM 3540, ETM 3900, ETM 4010, ETM 4300, ETM 4330, ETM 4830	

Degree Requirements

To qualify for the Bachelor of Science, Project Management major degree, a student must have completed all Ohio University graduation requirements: general education, College, major, minor, and residency. Students must earn a minimum of 30 semester hours of Ohio University credit, complete a minimum of 50% of the major course requirements at Ohio University, and complete a minimum of 120 total semester hours for graduation. Students must have a completed associate degree to enter the Project Management major. Students must have a GPA greater than 2.0 for all courses at Ohio University, for all courses in Russ College, and for all courses in the Project Management major. Students must earn an average of 2.5 GPA or better in the pre-major courses listed for this program.



OHIO
UNIVERSITY

Undergraduate Admissions T: 740.593.4100
Chubb Hall 120 www.ohio.edu
1 Ohio University Drive
Athens OH 45701-2979



Students must have succeeded in all required courses taken in three or fewer attempts. The Project Management program requires 28 hours of OU ETM credit after transferring into ETM, with at least 16 hours at or above the 3000 level. Students will need to complete 18 hours of free electives to satisfy the 120-hour major requirement.

Ohio University BRICKS General Education Requirements

BRICKS is Ohio University's general education program, and requirements must be fulfilled by all baccalaureate degree students. BRICKS includes a minimum of 38 credit hours across five categories: Foundations, Pillars, Arches, Bridges, and Capstone. Courses used to satisfy BRICKS requirements may be completed through Belmont College or OHIO Online. The table below lists Belmont College courses that have direct course equivalencies at Ohio University which meet BRICKS requirements. General education courses that may also satisfy program requirements are inside brackets. HIST courses marked with an asterisk (*) will automatically equate to fill Pillars Humanities Texts and Contexts, but may alternately equate to fill Pillars Social and Behavioral Sciences. Work with your academic advisor to make adjustments.

BRICKS and the Ohio Transfer 36

Students who complete the minimum requirements of the Ohio Transfer 36 (OT36, formerly the Ohio Transfer Module) at another college or university prior to enrollment in a degree-seeking program at Ohio University will receive transfer credit equivalent to fulfilling Ohio University's BRICKS general education requirements in Foundations (excluding the Advanced Writing component, which requires completion of TME 002 Second Writing), Pillars, and Arches. If you have not completed the OT36, your courses will be evaluated on a course-by-course basis and will apply toward general education requirements as appropriate.

Belmont College Elective Courses

Students should refer to the [General Education equivalency guide](#) and consult with their advisor when selecting electives to transfer to Ohio University's BRICKS General Education requirements.

Disclaimer:

The information on this guide is based on the catalog requirements posted in the 2024-2025 Ohio University catalog and related Belmont College equivalents as of the Last Updated date. All information is subject to change without notice. Students must complete a minimum of 120 total semester hours, are responsible for tracking their degree completion on their DARS, and are encouraged to work with an Ohio University academic advisor in their degree planning. Courses are subject to availability at each institution. It is suggested that students meet with an advisor to discuss course selection based on offered options.

Last Updated: 7/22/2024



OHIO
UNIVERSITY

Undergraduate Admissions
Chubb Hall 120
1 Ohio University Drive
Athens OH 45701-2979

T: 740.593.4100
www.ohio.edu