Bachelor of Science in Technical Operations Management Online Program Pathway

The Bachelor of Technical Operations Management (BSTOM) is intended for students who have already completed an applied associate’s degree program from an accredited community college, regional campus, or technical college, and who wish to pursue a baccalaureate degree. The BSTOM program builds upon the technical skills developed within applied associate degree programs by providing the knowledge and professional skills necessary for career advancement within the fields of engineering, industrial technologies, business management, and health technologies. Upon completion, students will earn a Bachelor of Technical Operations Management along with a minor in Business and have the opportunity to receive certificates in Lean Six Sigma and Technical Project Management to help expand the skills needed to advance in variety of environments.

Online Convenience. Ohio University Quality.

- Review study materials and submit assignments online.
- Learn from distinguished professors.
- Progress through the degree in consultation with an Ohio University academic advisor.
- Coursework can lead to completion of certificates in Lean Six Sigma and Technical Project Management.

Admission Requirements

- Completed technical associate degree (AAS, AAB or ATS) from a regionally accredited college or university
- Completed an approved minimum of 23 semester hours of lab based technical elective coursework.
- Combined 2.0 gpa from all prior college-level coursework.
- Official transcripts sent directly to Ohio University from all colleges and universities you have attended.

Application Information

Apply online [https://www.applyweb.com/ohiolife/](https://www.applyweb.com/ohiolife/) ($25 non-refundable application fee due at application)

Submit all college-level transcripts to:
Undergraduate Admissions
Ohio University
120 Chubb Hall
1 Ohio University Drive
Athens, OH 45701

Ohio University Contact Information

<table>
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<tr>
<th>Jodie Van Winkle, <a href="mailto:vanwinkl@ohio.edu">vanwinkl@ohio.edu</a></th>
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<td>740.597.7990</td>
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E-mail general questions to transfer@ohio.edu

For more information on the partnership with, visit [www.ohio.edu/csc](www.ohio.edu/csc)
To qualify for the Bachelor of Science in Technical Operations Management degree, a student must have completed all Ohio University graduation requirements: general education, College, major, minor, and residency. A student must have an earned Associate of Applied Science, Associate of Applied Business or Associate of Technical Studies, including an approved minimum of 23 semester hours of lab based technical electives, with a cumulative grade point average of 2.0 or higher. Students must earn a minimum of 28 credit hours of ETM coursework with at least 16 credit hours at or above the 3000 level; minimum of 50% of the major and minor course requirements at Ohio University; and total hours for graduation (120 semester hours).

### General Education Requirements
General education requirement courses that also satisfy BSTOM requirements have been marked in **GREEN**.

#### Tier I English Composition and Quantitative Skills: 1E, 1M, and 1J (Can be completed at Columbus State or OHIO)
- CSCC ENGL 1100 or OHIO ENG 1510
- CSCC MATH 1148 or OHIO MATH 1200 or CSCC MATH 1150 or OHIO MATH 1300 or CSCC STAT 1350 or 1450 or OHIO MATH 2500
- Select available junior composition course (ENG 3090J, ETM 3700J, ET 3800J, PRCM 3250J or SAM 3250J; OHIO Online only)

#### Tier II: Complete 21 semester hours with a minimum of 2 credit hours in each of the 6 areas. (Complete at Columbus State)
- **2AS: Applied Science & Math**
  - BIO 2215, 1127; CHEM 1100; ENGR 1181; MATH 1131 or 1151, 1152; NUTR 2310 or HNTR 1153
- **2CP: Cross-CulturalPerspectives**
  - ANTH 2201, 2202; GEOG 2750; HIST 1111, 1112; SEE LIST OF APPROVED LANGUAGE OPTIONS
- **2FA: Fine Arts**
  - HART 1201, 1202; MUS 1251, 1121; THEA 2280
- **2HL: Humanities & Literature**
  - COMM 1105; HIST 1111, 1112; CLAS 1222; LATN 1103; PHIL 1101, 1130, 2270
- **2NS: Natural Sciences (must have 6 semester hours of biology, chemistry or physics coursework with lab component)**
  - ANTH 2200; ASTR 1161; BIO 1111, 1112, 1121, 1122, 1113, 1114; CHEM 1111, 1112, 1171, 1172; GEOL 1105, 1121; PHYS 1200, 1201, 1250, 1251
- **2SS: Social Sciences**
  - BMGT 1111; COMM 2220; ECON 2200, 2201; HIST 1151, 1152; SAHS 1111; POLS 1100, 1200; PSY 1100, 2340; SOC 1101, 2202

#### Tier III: Included in BSTOM coursework (Complete at OHIO)
- ETM 4600

### BSTOM Pre-Major Courses and Business Minor Courses
Courses completed through Columbus State or OHIO online

#### Pre-Major Courses (required combined 2.5 gpa)
- Introduction to Technical Operations Management (OHIO ETM 3001)
- Advanced Enterprise Computer Methods (OHIO ETM 2030 – Must have minimum B- for passing grade)
- Technical Operations Management (OHIO ETM 3015 – Must have minimum B- for passing grade)
- Freshman Composition (OHIO ENG 1510 or CSCC ENGL 1100)
- Fundamentals of Public Speaking (OHIO COMS 1030 or CSCC COMM 1105)
- College Algebra or Pre-Calculus (OHIO MATH 1200 or 1300 or CSCC MATH 1148 or 1150)

#### Required Business Minor Courses (required combined 2.0 gpa for business minor)**
- Foundations of Accounting (OHIO ACCT 1005 or 1010 or CSCC ACCT 1211)
- Foundations of Financial Management (OHIO FIN 3000)
- Introduction to Management (OHIO MGT 2000 or CSCC BMGT 1111)
- Business Information Systems (OHIO MIS 2021)
- Marketing Principles (OHIO MKT 2020 or CSCC MKTG 1110)

#### Required Other Courses
- Corporate Responsibility in Legal Environments (OHIO BUSL 2000 or CSCC LEGL 2061 or 2064)
- Introduction to Statistics (OHIO MATH 2500 or ATCH 2090 or CSCC STAT 1450)

**Pick no more than 3 courses at Columbus State

### BSTOM Major Requirements
Complete online through OHIO

- ETM 3820 – Technical Project Management
- ETM 3625 – Supervision & Leadership in Technical Organizations
- ETM 3635 – Quality Assurance and Technical Documentation
- ETM 4005 – Technical Operations Management Senior Seminar
- ETM 4420 – Purchasing & Supply Chain Management
- ETM 4325 – Lean Systems
- ETM 4600 – Applied Technical Operations Management

**21 hours of free elective coursework can be applied from associate degree program in addition to 23 hours of lab based technical credit.**

\*The information on this guide is based off of the catalog requirements posted in the 2017-2018 Ohio University catalog and related Columbus State Community College equivalents as of the Last Updated date. All information is subject to change without notice. Students 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 CPM/Advisor to discuss course selection based on offered options. Last Updated 11/30/2017**