

Major Offered At:

CORVALLIS

Blue Mountain Community College

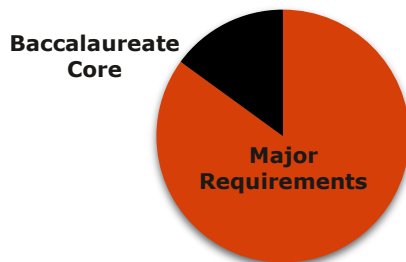
Construction Engineering Management

The construction engineering management program blends principles of science, engineering, and business. Students acquire the technical and managerial skills necessary to oversee major heavy and highway construction, building construction, and specialty contracting projects.

What can you do with this major?

- Transform plans into roads, bridges, and buildings
- Work with civil engineers and architects to ensure successful construction projects
- Learn the latest in safer, faster, and more economical construction
- Develop management, leadership, and business

Your Bachelor's Degree (BS) in the College of Engineering



- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 135 credits earned at a community college may be applied toward a bachelor's degree at OSU.
- Some courses can count towards your major and the Baccalaureate Core. Advisors can assist in selection.
- More info at cce.oregonstate.edu/content/construction-engineering-management

Courses Required for Construction Engineering Management Major

This list is comprehensive. Speak with OSU advisor for more information

| Construct. Engr. Management Core Requirements | BMCC Equivalent Course | OSU Course | Notes |
|---|------------------------|----------------------|---|
| Civil & Constr. Engr: Orientation | N/A | CCE 101 | |
| CCE: Problem-Solving & Tech. | N/A | CCE 102 | |
| CCE: Graphics & Design | N/A | CCE 201/ENGR 248 | Available online at OSU |
| Intro to Virtual Design & Construct. | N/A | CCE 203 | |
| CCE Seminar | N/A | CCE 207 | |
| Differential Calculus | MTH 251 | MTH 251 | Available online at OSU |
| Integral Calculus | MTH 252 | MTH 252 | Available online at OSU |
| Accounting for Decision Making | BA 212+BA 213 | BA 315 | (LD) = Lower Division Transfer, Available online at OSU |
| Legal Environment of Business | BA 226 | BA 330 | (LD) = Lower Division Transfer, Available online at OSU |
| Plane Surveying | SUR 161 | CEM 263 | |
| Intro to Statistics for Engineers | N/A | ST 314 (LD) | (LD) = Lower Division Transfer, Available online at OSU |
| Chemistry for Engineering Majors | CH 221 | CH 201 | Available online at OSU |
| General Physics (Calculus) | PHY 211 | PH 211 | |
| General Physics (Calculus) | PHY 212 | PH 212 | |
| Statics | N/A | ENGR 211 | Available online at OSU |
| Strength of Materials | N/A | ENGR 213 | Available online at OSU |
| English Composition | WR 121 | WR 121 | Available online at OSU |
| Technical Writing | WR 227 | WR 327 (LD) | (LD) = Lower Division Transfer, Available online at OSU |
| Public Speaking Argument & Critical Discourse | COMM 111 | COMM 111 COMM 114 | Complete 1(one) course, Available online at OSU |
| Intro to Microeconomics | EC 201 | ECON 201 | Available online at OSU |
| Intro to Macroeconomics | EC 202 | ECON 202 | Available online at OSU |
| Ethics | N/A | PHL 205 | Available online at OSU |

Important Notes & Resources

Important Notes for the College of Engineering and Construction Engineering Management Major:

- Grade requirements: Grade of C or better in all major coursework; 2.5 Cumulative GPA, 65% of courses passed. See <https://beav.es/oKz> for more information
- See a sample degree plan by searching "Construction Engineering Management" at admissions.oregonstate.edu/find-your-major
- Other similar majors to explore: [Architectural Engineering](#), [Civil Engineering](#)
- Minors to consider: [Business](#)
- To maximize course access and availability, we encourage students to begin coursework at OSU through [Degree Partnership Program](#) in Winter or Spring of 2nd year, with plans to fully begin upper division coursework at OSU in Fall of 3rd year. We encourage you to talk with an OSU advisor about your specific timeline.
- It is important to speak with CCE advisors early on, and often, to ensure correct course selection and sequencing. Schedule an appointment with an OSU CCE advisor [here!](#)

Resources and OSU Information:

- Students do not have to complete a transfer degree in order to transfer to OSU.
 - If you've completed the Oregon AAOT, all requirements of the Baccalaureate Core are complete except for Synthesis Courses and Writing Intensive Courses.
- Preparing to apply to OSU? See admissions info: transfer.oregonstate.edu
- Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: partnerships.oregonstate.edu/students
- Schedule your OSU campus tour at visitosu.oregonstate.edu/visit-campus

General Education Courses (called the Baccalaureate Core)

- Complete one course in each Perspective category with no more than two in the same department.
- Full listing of BMCC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-blue-mountain-community-college

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| SKILLS COURSES | Math Writing I Writing II Speech (Writing III) Fitness | Completed as part of the major WR 121. Required to transfer. Completed as part of the major Completed as part of the major HPE 395 |
| PERSPECTIVE COURSES | Biological Science Physical Science Additional Biological or Physical Science Cultural Diversity Literature and the Arts Social Processes and Institutions Western Culture | Completed as part of major Completed as part of major Completed as part of major Choose one course from BaccCore link above Choose one course from BaccCore link above Completed as part of major Completed as part of major |
| DPD COURSE | Difference, Power, & Discrimination | Choose one course from BaccCore link above |
| SYNTHESIS COURSES | Contemporary Global Issues Science, Technology, & Society | Upper division course, take through OSU Upper division course, take through OSU |

Advising Contacts

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. **See your community college advisor first and use this Transfer Guide to help you plan.** It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing. See visitosu.oregonstate.edu/visit-campus to schedule your personalized visit.

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| Blue Mountain Community College | bluecc.edu/enrollment-services/advising |
| OSU Construction Engr. Management | cce@engr.oregonstate.edu |
| OSU College of Engineering Main Office | askengineering@oregonstate.edu |