

# OREGON STATE UNIVERSITY CONSTRUCTION ENGINEERING MGT

2023-2024 Catalog Year

FRISTYEAR

SECOND YEAR

Fall

Winter

Spring

Fall

Winter

Spring

**ENGR 100**

The OSU ENGR Student  
F, W, S, U (3)

**ENGR 102**

Dsgn Thinking & Problem Solving  
F, W, S, U (3)

**ENGR 103**

Computations & Algorithms  
F, W, S, U (3)  
*ENGR 102*

**ENGR 211**

Statics  
F, W, S, U (3)  
*MTH 252*

**ENGR 213**

Strengths of Materials  
F, W, S, U (3)  
*ENGR 211*

**CEM 263**

Plane Surveying  
S (3)  
*ENGR 211*

**CH 201**

Chemistry for Engineers 1  
F, W (3)  
*MTH 111*

**ECON 201**

Micro Econ  
Bacc Core: SPI  
F, W, S, U (4)

**ECON 202**

Macro Econ  
F, W, S, U (4)

**PH 211**

Physics w/ Calc  
Bacc Core: PhySci  
F, U (4)  
*MTH 252 (co-req)*

**PH 212**

Physics w/ Calc 2  
Bacc Core: PhySci  
W (4)  
*PH 211*

**ENGR 390**

Engineering Economy  
F, W, S, U (3)

**MTH 251**

Differential Calc  
Bacc Core: Math  
F, W, S, U (4)  
*MTH 112*

**MTH 252**

Integral Calculus  
F, W, S, U (4)  
*MTH 251*

**ST 314**

Stats for Engineers  
F, W, S, U (3)  
*MTH 252*

**CCE 201**

Graphics & Design  
F (3)  
*MTH 111Z*

**BA 315**

Fundamentals of Accounting  
F, W, S, U (4)

**BA 330**

Business Law  
F, W, S, U (4)

**WR 121Z**

English Comp.  
Bacc Core: WR 1  
F, W, S, U (4)

**COMM 111Z or 114**

Bacc Core: Comm  
F, W, S, U (4/3)

**Bacc Core: Lit & Arts\***

F, W, S, U (3)

**Bacc Core: Cultural Diversity\***

F, W, S, U (3)

**CCE 203**

Virtual Design & Construction  
W (3)  
*CCE 201 or ENGR 248*

**WR 227Z**

Technical Writing  
Bacc Core: WR2  
F, W, S, U (4)  
*WR 121Z*

**HHS 231**

Bacc Core: Lifetime Fitness & Health  
F, W, S, U (2)

**PAC**

Bacc Core: Physical Activity  
F, W, S, U (1)

**Bacc Core: Western Culture\***

F, W, S, U (3)



CCE Seminar  
F (1)  
*ENGR 103*

**KEY:**  
F, W, S, U – Term course is offered (U = Summer)  
(X) – Number of credits

*Course in Italics* ? Pre-req (or co-req)

THIRD YEAR			FOURTH YEAR		
Fall	Winter	Spring	Fall	Winter	Spring
<p><b>CEM 326</b> Safety &amp; Health Standards F (3) <i>CCE 207</i></p>	<p><b>CEM 471</b> Electrical Facilities W (4) <i>CCE 207</i></p>	<p><b>CEM 472</b> Mechanical Facilities S (3) <i>CCE 207</i></p>	<p><b>CEM 341</b> Estimating 1 F(4) <i>CEM 442</i></p>	<p><b>CEM 342</b> Estimating 2 W (4) <i>CEM 341</i></p>	<p><b>CE 427</b> Temp Structures S, (4) <i>CCE 321, CEM 372, CEM 383</i></p>
<p><b>CEM 381</b> Structures 1 F (4) <i>ENGR 213</i></p>	<p><b>CEM 383</b> Structures 2 W (4) <i>CEM 381, CCE 321 (co-req)</i></p>	<p><b>CEM 372</b> Fundamentals of Geotechnical Engr S (4) <i>ENGR 213</i></p>	<p><b>CE 424</b> Contracts &amp; Specifications F (4) <i>CEM 442</i></p>	<p><b>CEM 343</b> Planning &amp; Scheduling W (4) <i>CEM 342 (co-req)</i></p>	<p><b>CEM 443</b> Project Management S (4) <i>CEM 341 &amp; 343</i></p>
<p><b>BA 351</b> Managing Organizations F, W, S, U (4)</p>	<p><b>CCE 321</b> CCE Materials W, U (4) <i>ENGR 213</i></p>	<p><b>CE 365</b> Highway Design &amp; Location S (3) <i>CEM 263</i></p>	<p><b>CEM 441</b> Heavy Civil F(4) <i>CEM 372 or CE 372 or FE 315</i></p>	<p><b>Upper Division BA Elective**</b> F, W, S, U (4)</p>	<p><b>CEM 432</b> Obtaining Contracts S (3) <i>CEM 341</i></p>
<p><b>Bacc Core:</b> Science, Tech &amp; Society* F, W, S, U (3)</p>	<p><b>CEM 442</b> Building Construction Mgmt W (4) <i>CCE 207</i></p>	<p><b>MGMT 453</b> HR Management F, W, S (4) <i>BA 351</i></p>	<p><b>Bacc Core:</b> Biological Sci* F, W, S, U (4)</p>	<p><b>Bacc Core:</b> Difference, Power &amp; Discrimination* F, W, S, U (3)</p>	<p><b>Upper Division ENGR Elective^</b> F, W, S (3)</p>
<p><b>Bacc Core:</b> Contemporary Global Issues* F, W, S, U (3)</p>					

**NOTES:**

\***Bacc Core:** For list of Bacc Core course options, visit <https://catalog.oregonstate.edu/earning-degrees/bcc/>

^**Upper Division ENGR Elective:** Select an additional CE, CEM, CCE or ARE course. Course must level 300 or above and may not be a course that is required for your degree. Please discuss your selection with your advisor.

\*\***Upper Division BA Elective:** Select an additional BA course. Course must be 300 level or above and may not be a course that is already required for your degree. Check Notes Section in Schedule of Classes to confirm CEM Students are eligible to register for the course you select.

**Business Minor:** CEM students are able to earn a Business Minor by taking 2 additional courses. If you are interested in adding a Business Minor, talk with your advisor for additional course recommendations.