

OREGON STATE ECAMPUS 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 (3)
MTH 252

ENGR 213

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

CEM 263

Plane Surveying
S (3)
ENGR 211

CH 201 or 231

Chemistry 1
F, U (3/4)
MTH 111Z

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 1
Bacc Core: PhySci
F, U (4)
MTH 251
(recommended)

PH 212

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

WR 227Z

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

MTH 251

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

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

Bacc Core:

Difference,
Power &
Discrimination*
F, W, S, U (3)

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 207

CCE Seminar
W (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
CEM 381 Structures 1 F (4) <i>ENGR 213</i>	CEM 471 Electrical Facilities W (4) <i>CCE 207</i>	CEM 442 Building Construction Management S (4) <i>CCE 207</i>	CEM 341 Estimating 1 F (4) <i>CEM 442</i>	CEM 342 Estimating 2 W (4) <i>CEM 341</i>	CE 427 Temp Structures S (4) <i>CCE 321, CEM 372, CEM 383</i>
BA 351 Managing Organizations F, W, S, U (4)	CEM 472 Mechanical Facilities W (3) <i>CCE 207</i>	CEM 372 Geotechnics for Construction S (4) <i>ENGR 213</i>	CE 424 Contracts & Specifications F (4) <i>CEM 442</i>	CEM 343 Planning & Scheduling W (4) <i>CEM 342 (co-req)</i>	CEM 443 Project Management S (4) <i>CEM 341 & 343</i>
ENGR 390 Engineering Economy F, W, S, U (3)	CEM 383 Structures 2 W (4) <i>CEM 381, CCE 321 (co-req)</i>	CE 365 Highway Design & Location S (3) <i>CEM 263</i>	Upper Division ENGR Elective[^] F, W, S (3)	CEM 326 Construction Safety W (3) <i>CCE 207</i>	CEM 432 Obtaining Contracts S (3) <i>CEM 341</i>
Bacc Core: Contemporary Global Issues* F, W, S, U (3)	CCE 321 CCE Materials W, U (4) <i>ENGR 213</i>	MGMT 453 HR Management F, S (4) <i>BA 351</i>	Bacc Core: Biological Sci* F, W, S, U (4)	Upper Division BA Elective** F, W, S, U (4)	CEM 441 Heavy Civil S (4) <i>CEM 372 or CE 372 or FE 315</i>
Bacc Core: Science, Tech & Society* F, W, S, U (3)					

NOTES:

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

[^]Upper Division ENGR Elective: Select an upper-division or graduate-level course in CE, CEM, CCE, or ARE not already required for your major. Discuss with your advisor or select from this list: <https://beav.es/qsw>

**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.

Revised 1/2024