

Note: Undergraduate students taking graduate courses (500-level) are charged graduate tuition for that course/those courses.

Courses in land surveying and mapping - minimum 16 credits of PLS classes to sit for initial Land Surveying licensing exam, inc a course in survey law.

Construction Engineering Management 2017-2018 Technical Elective Class List

| Course | Title | Pre-requisite or *Co-requisite Class(es) | Credits | Su2017 | F2017 | W2018 | S2018 |
|-------------|--|--|---------|--------|-------------------|---------|------------|
| CCE 421 | ADVANCED CONCRETE PROPERTIES AND PERFORMANCE | CCE 321 and senior standing | 4 | | | | |
| CCE 422/522 | Green Building Materials | CCE 321, ECON 201 & ST 314 | 3 | | Ideker (e-campus) | Ideker | |
| CCE 520 | SELECTED TOPICS IN INFRASTRUCTURE MATERIALS | Graduate Standing or Instructor Consent | 0-4 | | Staff | Isgor | |
| CCE 523 | CONCRETE DURABILITY | Graduate Standing or Instructor Consent | 4 | | | | |
| CCE 525 | CONSTRUCTION SITE SYSTEMS ENGINEERING | Graduate Standing or Instructor Consent | 3 | | | | Gambatese? |
| CCE 526 | DESIGN FOR SAFETY | Graduate Standing or Instructor Consent | 3 | | Gambatese | | |
| CCE 529 | LEAN CONSTRUCTION | Graduate Standing or Instructor Consent | 3 | | | | Pestana? |
| CE 373 | Geotechnical Engineering II | CE 372 [C] or FE 315 [C] | 4 | | Evans | | |
| CE 382 | Structural Theory II | CE 381 [C] | 4 | | | Yim | |
| CE 411 | Ocean Engineering | CE 313 [C] or CEM 311 [C] | 4 | | | | |
| CE 412 | Hydrology | [none listed] | 4 | | Istok | | Arras? |
| CE 413 | GIS in Water Resources | Senior Standing & CE 202 or other GIS course or Instructor Consent | 3 | Arras | | | |
| CE 461/561 | Photogrammetry | CE 361 or CEM 263 or FE 308 (PLS class) | 3 | | Schultz | | |
| CE 463/563 | Control Surveying | CE 361 or CEM 263 or FE 308 (PLS class) | 4 | | | | Schultz |
| CE 465/565 | Oregon Land Survey Law | CE 361 or CEM 263 or FE 308 (PLS class) | 3 | | | Schultz | |
| CE 469/569 | Property Surveys | CE 361 or CEM 263 or FE 308 (PLS class) | 3 | | | | Schultz |
| CE 484 | Wood Design | CE 383 [C] or CE 481 [C] and senior or graduate standing. | 4 | | | Martin | |
| CE 533 | Structural Stability | CE 383 or equivalent | 3 | | | | Miller? |
| CEM 550 | Contemporary Topics in Construction Engineering Management | Graduate Standing or Instructor Consent | 4 | | | Louis | |
| CEM 551 | Project Controls | Graduate Standing or Instructor Consent | 4 | | | | Arocho |
| CEM 552 | Risk Management in Construction | Graduate Standing or Instructor Consent | 4 | | | | |
| CEM 553 | Construction Business Management | Graduate Standing or Instructor Consent | 4 | | | | |
| CE 560 | ST: Adv. Virtual Design & Construction | Graduate Standing or Instructor Consent | 3 | | Turkan | | |