# CEEGR 2 YEAR PROJECTED COURSE OFFERINGS 2018-2020

| Course # | Course Name | Summer 18 | Fall 18 | Winter 19 | Spring 19 | Summer 19 | Fall 19 | Winter 20 | Spring 20 | Pre & Co-Requisites OR Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | Intro to Civil/Environ. Engr. | | ● | | | | ● | | | |
| 1050 | Engr. Graphics/Communication | | ● | | | | ● | | | |
| 2210 | Mechanics of Matl. | | ● | | ● | | ● | | ● | Prerequisites: MEGR 2100, MATH 1336. |
| 2220 | Mechanics of Matl. Lab | | ● | | ● | | ● | | ● | Pre or co-requisite: CEEGR 2210. |
| 2500 | Residential Design | | ● | | ● | | ● | | ● | Prerequisites: CEEGR 1050, MEGR 2100. |
| 3020 | Global Engr. Economics | | ● | ● | ● | | ● | ● | ● | |
| 3110 | Surveying and Geomatics | | | | ● | | | | ● | Prerequisites: MATH 1021/1022 or MATH 1331, CEEGR 1050. |
| 3230 | Mechanics of Matl. II | | | ● | | | | ● | | Prerequisites: C- or better in CEEGR 2210, MATH 2340. |
| 3260 | Transportation Engr. | | | | | | | ● | | Junior standing required. |
| 3280 | Timber Design | | | ● | | | | | | Pre or co-requisite: CEEGR 3230. |
| 3310 | Fluid Mechanics | | ● | ● | | | ● | ● | | Pre or co-requisite: MEGR 2300. |
| 3350 | Applied Hydraulics | | | ● | | | | ● | | Prerequisite: CEEGR 3310. |
| 3370 | Fluids Lab | | ● | | | | ● | | | CEEGR majors only. Co-requisite: CEEGR 3310. |
| 3410 | Applied Environmental Biology | | | ● | | | | ● | | Prerequisites: BIOL 1610/1611 or equivalent. |
| 3420 | Environ. Engr. Chem | | | | ● | | | | ● | Prerequisites: CHEM 1500/1501. |
| 3510 | Engr. Geology | | ● | | | | ● | | | |
| 3530 | Soil Mechanics | | | ● | | | | ● | | Prerequisites: CEEGR 2210, CEEGR 3310. |
| 3710 | Water Resources I | | | | ● | | | | ● | Prerequisite: CEEGR 3310. Pre or co-requisite: MATH 2310 or MATH 3411. |
| 3760 | Environmental Law and Impact Studies | | | | | | | ● | | Junior standing required. |
| 3860 | Green Engr. | | | ● | | | | | | Junior standing required. Prerequisite: CHEM 1500. |
| 4450 | Structural Mechanics | | ● | | | | ● | | | Prerequisite: CEEGR 3230. |
| 4470 | Structural Design I | | | ● | | | | ● | | Prerequisite: CEEGR 4450. |
| 4490 | Structural Design II | | | | ● | | | | ● | Prerequisite: CEEGR 4450. |
| 4550 | Foundation Design | | | | ● | | | | ● | Prerequisite: CEEGR 3530. |
| 4720 | Water Resources II | | ● | | | | ● | | | Prerequisite: CEEGR 3710. |
| 4730 | Prin. of Environ. Engr. | | ● | | | | ● | | | Prerequisites: CHEM 1500/1501, CEEGR 3420. |
| 4740 | Water/Wastewater Engr. | | | ● | | | | ● | | Prerequisite: CEEGR 4730. |
| 4750 | Hazardous Water Engr. | | | | ● | | | | ● | Prerequisite: CEEGR 4730. |
| 4870 | Engr. Design I | | ● | | | | ● | | | Senior standing required and permission by department. |
| 4880 | Engr. Design II | | | ● | | | | ● | | Prerequisite: CEEGR 4870. |
| 4890 | Engr. Design III | | | | ● | | | | ● | Prerequisite: CEEGR 4880. |

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