**Course Completion Log**

**Bachelor of Science in Civil Engineering (132 credits)**

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Advisor</th>
<th>Semester/Year of Entry</th>
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### Course Number & Title | Grade |
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#### Freshman Year - 1st Semester
- **COM1103** College Comp (ALL)
- **EGE1001** Fund. of Engr Design Project (F, SP)
- **ECE1101** CE Computer Graphics Lab (F)
- **MCS1414** Calculus 1 (ALL)
- **ECE1013** Surveying & Land Measure (F)
- **ECE1011** CE Perspectives (F)
- **GLG1103** Geology (F, SP)

#### Freshman Year - 2nd Semester
- **LLT1213** World Masterpieces 1 (ALL)
- **EGE1413** CE Materials (SP)
- **ECE1102** CE Comp. Appl Lab (SP)
- **MCS1424** Calculus 2 (ALL)
- **CHM1213** University Chemistry 1 (ALL)
- **CHM1221** University Chemistry 1 Lab (ALL)

#### Sophomore Year - 1st Semester
- **EGE2123** Entrep. Engr. Dsn. Studio (F, SP)
- **LLT2123** World Masterpieces 2 (ALL)
- **PHY2413** University Physics 1 (ALL)
- **PHY2421** University Physics 1 Lab (ALL)
- **MCS2414** Calculus 3 (ALL)
- **SSC2413** Foundation of Amer. Exp. (ALL)

#### Sophomore Year - 2nd Semester
- **COM2103** Tech. & Prof. Comm. (ALL)
- **EGE2013** Statics (ALL)
- **PHY2423** University Physics 2 (ALL)
- **PHY2431** University Physics 2 Lab (ALL)
- **MCS2423** Differential Equations (ALL)
- **SSC2423** Devel. of Amer. Exp. (ALL)
- **EGE3012** Engineering Cost Analysis (ALL)

#### Junior Year - 1st Semester
- **ECE3424** Soil Mechanics (F)
- **ECE3013** Mechanics of Mat'l's for CE (F, SP)
- **ECE3011** Mechanics of Mat'l's for CE Lab (F, SP)
- **ECE3823** Transportation Engr. (F)
- **ECE3821** Transportation Engr. Lab (F)
- **ECE3213** Construction Engineering (F, SP)
- **ECE3211** Construction Engr. Lab (F, SP)
- **ECE3022** Leadership & Prof. Dev. Engr. (F, SP)

#### Junior Year - 2nd Semester
- **ECE3324** Environmental Engr. 1 (SP)
- **ECE3523** Hydromechanics (SP)
- **ECE3723** Theory of Structures (F, SP)
- **MCS3403** Probability & Statistics (ALL)
- **EME3043** Dynamics (ALL)

#### Senior Year - 1st Semester
- **ECE4022** CE Design Project 1 (F)
- **ECE4243** Construction Project Mgmt. (F, SP)
- **ECE4544** Hydraulic Engineering (F)

#### Senior Year - 2nd Semester
- **ECE4032** CE Design Project 2 (SP)
- **ECE4743** Concrete Design (F, SP)
- **ECE4761** Structural Dsn Test Lab (SP)
- **ECE4051** Ethics & Prof. Issues (SP)
- **ECE4753** Steel Design (3) (F)
- **ECE4443** Foundation Engr (3) (F)
- **ECE4363** Environ. Engr. Design (3) (F)
- **ECE4843** Highway Engr. (3) (F)
- **ECE4011** CE Design Competition 1 (0) (F)

### Technical Electives (12 Credits)
- **ECE4753** Steel Design (3) (F)
- **ECE4443** Foundation Engr (3) (F)
- **ECE4363** Environ. Engr. Design (3) (F)
- **ECE4843** Highway Engr. (3) (F)
- **ECE4011** CE Design Competition 1 (0) (F)

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### Substitutions

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*Updated 11/18/2020 Effective Fall 2020*