Proposed CE/CS/EE Curriculum Change to Enhance Design Experience for Students

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| --- | --- | --- |
| **EE** | **CE** | **CS** |
| **Course Affected** | **Credit Change** | **Course Affected** | **Credit Change** | **Course Affected** | **Credit Change** |
| Circuits 2 | 3 -> 2  | Foundation Lab | 1 -> 0 | Foundation Lab | 1 -> 0 |
| EE Practice  | 1 -> 0 | Senior Seminar | 1 -> 0 | Senior Seminar | 1 -> 0 |
| ED 1  | 3 -> 2 | ED 1  | 3 -> 2 | Foreign Language | 8 -> 0 |
|  |  |  |  | Public Speaking | 3 -> 0 |
|  |  |  |  |  |  |
| **Total credits saved** | **3** | **Total credits saved** | **3** | **Total credits saved** | **13** |
|  |  |  |  |  |  |
| **Course Added** | **Credit Needed** | **Course Added** | **Credit Needed** | **Course Added** | **Credit Needed** |
| EE Elective | 3 | CE Elective | 3 | Eng Design 1  | 2 |
|  |  |  |  | Eng Design 2 | 3 |
|  |  |  |  | CS Electives | 3+3=6 |
|  |  |  |  | DIS or Elective | 2 |
|  |  |  |  |  |  |

* EEL3112-Circuits 2 and EGN4950C-Engineering Design 1 are both changing from 3 credits to 2 credits, and certain courses listed in the above table will be removed from the course requirements (EE practice, Foundation Lab, Senior Seminar, Public Speaking, etc.) to make room for additional technical electives to allow students to graduate on time.
* In this way, we will have a unified design course sequence: Engineering Design I and Engineering Design II for all students in all three majors of the department. The change is to meet the needs of the stakeholders, including students and employers.