

University Curriculum Committee

Minutes #15

April 5, 2023

Members Present: Califf, Hunter, Howe, Kroesch, Leonard, Newport, Paolucci, Pierce, Pence, Hurd, Stabler

Members Absent: Chen, Ren

Guests: Ian Gawron – Office of Registrar, Tom Keyser – Dean of the College of Engineering

Convene: Califf convened the UCC meeting at approximately 3:05 pm.

1. Introductions:
2. Minutes:

The minutes were approved without changes/objections

3. Action Items:

Engineering Proposals – Leonard, Kroesch

The engineering proposals were primarily discussed together given how similar they were to each other. Leonard/Kroesch explained the overall format of the proposals as having a list of required courses with some elective options. They did not find any issues with the rationale/description of the proposals and indicated they all seemed in good shape. There was a brief discussion on some discrepancies between the proposals given that all the hours seemed to add up to the same number, except the Mechanical Engineering proposal that had a sample plan of 125 credit hours where the other two had 122. During the meeting it was not immediately present why this discrepancy occurred, but it was resolved after the meeting and corrected. Discussions on the proposals centered around: the rationale/description, sample plan, and required list of courses. Newport indicated the librarian involved with these proposals was thorough. Gawron (guest) explained the recent change with one of the MAT courses changing their number to MAT 148 for better clarity on separating MAT courses from existing MAT courses. There was a brief discussion on how transfer friendly the program would be. Keyser (guest) indicated it should be transfer friendly given the amount of courses that have transfer equivalents. There was also a brief discussion on the sample plan and how it is 122 credit hours. It was concluded that a lot of “double-dipping” was occurring with general education courses to ensure the program was as close to 120 credit hours as possible. Gawron (guest) indicated that the 7 credit hour option in the electrical engineering program should have more options in the future given that the only way to reach 7 credit hours is effectively requiring the 4 credit hour course. Gawron (guest) also indicated that the general engineering program elective requirements should also be specified in the future given that it is a more standard practice to do so and can help provide clarity to what counts for the elective. Gawron (guest) indicated that these two points were received by the initiators of the proposals and that they indicated updates will be made to address these areas in the future. All of these discussions included: Califf, Hunter, Kroesch, Leonard, Paolucci, Newport, Hurd, Kyser (guest). Kroesch motioned to approve the proposals pending confirming the sample plan hours and making minor edits to the various non-catalog copy sections of the proposals. Leonard seconded. All voted in favor. Zero against. Zero abstentions. Below is the approved catalog copy:

Mechanical:

Major Requirements

Minimum required credit hours: 98

- EGR 100
- EGR 101
- EGR 102
- EGR 150
- EGR 155
- EGR 160
- EGR 170
- EGR 200
- EGR 395
- EGR 396
- MEC 195
- MEC 205
- MEC 207
- MEC 215
- MAT 145
- MAT 146
- MAT 148
- MAT 149
- MAT 252
- MAT 260
- IT 166
- PHY 110
- PHY 111
- PHY 112
- CHE 140

Take two of the following (minimum 8 credit hours):

- EGR 310
- MEC 331
- MEC 332
- MEC 333

Take two of the following (minimum 6 credit hours):

- MEC 220
- MEC 316
- MEC 321
- MEC 322

Electrical:

Major Requirements

Minimum required credit hours: 98

- EGR 100
- EGR 101
- EGR 102
- EGR 150
- EGR 155
- EGR 160
- EGR 170
- EGR 200
- EGR 395
- EGR 396
- ELE 200
- ELE 203
- ELE 207
- ELE 215
- MAT 145
- MAT 146
- MAT 148
- MAT 149
- MAT 252
- MAT 260
- IT 166
- PHY 110
- PHY 111
- PHY 112
- CHE 140

Take two courses of the following (minimum 8 credit hours):

- EGR 310
- ELE 331
- ELE 332
- ELE 333

Take two courses of the following (minimum 7 credit hours):

- ELE 320
- ELE 321
- ELE 322

Engineering:

Degree Requirements

Minimum required credit hours: 98

Major Requirements

- EGR 100
- EGR 101
- EGR 102
- EGR 150
- EGR 155

- EGR 160
- EGR 170
- EGR 200
- EGR 201
- EGR 395
- EGR 396
- MAT 145
- MAT 146
- MAT 148
- MAT 149
- MAT 252
- MAT 260
- IT 166
- PHY 110
- PHY 111
- PHY 112
- CHE 140

Take one of the following

- ELE 207
- MEC 207

Take seven senior-level (minimum 21 credit hours) engineering (EGR, ELE, or MEC) elective courses; up to two courses may be substituted from outside of engineering, by advisor approval.

Notes

EGR 395 and 396 (Engineering Capstone I and II) must be taken during the Senior year (i.e., requires 90 completed credit hours).

4. Liaison Assignments:

CGE – Nothing reported

CTE – Nothing reported

5. Staff report:

Hurd indicated the RFP is still in the same place in the process. Hurd discussed that IDEAS will be starting on 5/22/2023 and that more courses need to be approved for the designation. There were some unique challenges discovered during the IDEAS designation process concerning AP credit and ideal candidates for IDEAS designation. Paolucci added that potentially adding Instructional Capacity incentives could be helpful for having faculty submit their courses for IDEAS designation. Overall, the discussion involved dynamics of IDEAS.

6. Miscellaneous:

7. Adjournment:

Pence motioned to adjourn. The UCC adjourned approximately 3:45 pm.