

UNIVERSITY OF MICHIGAN
College of Engineering
Curriculum Committee Meeting
Tuesday, September 12, 2023

Attending: Achilleas Anastasopoulos, Jack Baker, Miki Banu, Robert Bordley, Yavuz Bozer, Chris Fidkowski, Fei Gao, Brent Gillepsie, Saadet Albayrak Guralp, Amir Kamil, Leena Lalwani, Xiaogan Liang, Cameron Louttit, Frank Marsik, Radoslaw Michalowski, Eric Rutherford, Anchal Sareen, Ben Spector, Roxanne Walker

Support Staff: Mercedes Carmona, Betsy Dodge, Matthew Faunce

Call to Order: 1:36 PM

Adjourned: 2:18 PM

Agenda:

1. Approval of 8.29.2023 Meeting Minutes (Page 4) - **APPROVED**
2. Voting for CoE Curriculum Committee Chair for 2023-2024
 - a. Xiaogan Liang nominated and unanimously voted upon by Curriculum Committee to be the chair for the next academic year.
3. HLC Annual Audit Process (Page 12)
 - a. Engineering RO's Office breaks down HLC Annual Audit Report, created by University Registrar Office, by department and unit by matching previous term's courses that did not meet the CoE Policy for the Assignment of Credit Hours or did not cancel previous sections that were not in compliance.
 - b. Spreadsheets, sent by Xiaogan last Friday September 8, were sent to Department Undergraduate and Graduate Chairs, UA's, and Curriculum Maintainers and given a one month deadline to correct courses found in the report that are not in compliance
 - i. It is the responsibility of the UG and Grad. Chairs to speak to their departments regarding the report to review the information and send back a completed spreadsheet.
 1. The spreadsheet will be used to confirm that courses for the following term comply with the CoE Policy for the Assignment of Credit Hours.
 - a. Courses that can be easily fixed can be done within the department and marked in the spreadsheet.
 - b. Courses that cannot easily be fixed will need to input that information in the form of a questions and recorded in the spreadsheet. This will later be addressed by the CCC.
 - c. The CCC will meet and discuss at their next scheduled meeting the spreadsheets' questions, course categories, and consult with curriculum experts if needed.
 - d. If needed, the CoE Policy for the Assignment of Credit Hours will then be updated based on the results of these questions and discussions.
 - c. A member inquired if the departments from the report have met the requirements for labs and hours. Xiaogan said yes and most followed the CoE Policy for the Assignment of Credit Hours. There were some courses that did not follow the policy and it was logged in the spreadsheet.
 - d. After Xiaogan showed the spreadsheet referenced to the report that needs to be updated by departments, some CCC members asked if they could receive access to the spreadsheet and be included in emails.
 - i. CoE RO to follow up for department members to receive information
4. ISD DENG Modification of Existing Engineering Program Proposal (Page 14) – Action Item - **APPROVED**
 - a. Admission tracks modifications requested to the current Doctor of Engineering in Manufacturing (D Eng in MFG):

- i. Admitted directly to the D. Eng in MFG without a relevant master’s degree must complete the Master of Engineering in Manufacturing (M Eng in MFG requirements along with an “Embedded Master”
 - 1. A student may count up to 18 letter-graded (A-E) credits from the 30 credit M Eng in MFG toward the 18 letter-graded (A-E) credits.
 - a. Excluded courses: MFG 990, 995, 590, 503, ELI Courses
 - 2. At least 6 credits of letter graded (including the grade S-Satisfactory) graduate coursework registered under Graduate Engineering.
 - 3. Students completing the M Eng in MFG requirements while also meeting the D Eng in MFG requirements have the option to receive the M Eng in MFG degree and discontinue from the D Eng in MFG and only complete M Eng in MFG.
- ii. Admitted with a master’s degree in the same or relevant field from another institution – Not a U of M Degree (master’s in engineering, business)
 - 1. Manufacturing Program Committee or the Program Director will validate the relevance of the existing master degree
 - 2. Fulfill 18 letter-graded credits (A-E) and 6 additional credits
- iii. Admitted with a master’s degree in the same or relevant field from U of M (i.e., change of program students) (M Eng in MFG, master’s in engineering, business)
 - 1. Fulfill 18 credits with at least 6 credits letter-graded (included the grade S-Satisfactory)
 - 2. Program committee together with program director will analyze and decide how many letter-graded credits (A-#) from U of M master may be counted toward the D Eng in MFG program (maximum of 2 course from U of M master may be counted)
- b. Amends to current D Eng in MFG double-counting and transfer credit rules:
 - 1. No double counting restriction between M Eng in MFG and D Eng in MFG
 - 2. A student may transfer up to 6 approved credits (Non-U of M Credits)
 - 3. Rackham PhD Transfer of credit rules applied.
 - a. These credits do not appear on a transcript, although meeting the degree requirement with Non U of M credits, and will not count toward overall 18 letter-graded (A-E) credits.
 - b. The student will need to take additional credits to meet the D Eng in MFG 18 letter-graded A-E credits.
- c. A member inquired if the same director is who evaluates both the M Eng in MFG and D Eng in MFG programs. Miki said the Program Director is the same for both programs and completes student evaluations.

PAGE	SUBJECT	COURSE #	ACTION	SUMMARY	EFFECTIVE TERM	MIN. GRADE REQ. FOR ENF. PREPREQ	Is Course on LSA Course Guide?	APPROVED	NOTES & REVISIONS	TABLED
26	IOE	316	MOD	Change to Enforced Prerequisite.	FT 2024	C-	YES	APPROVED		
29	IOE	431	NEW		WT 2024	NO	NO	APPROVED		
42	IOE	435	NEW		FT 2024	C-	NO	APPROVED	Cross listed with ROB 435. Member will check why Non-Rackham students excluded.	
66	IOE	562	DEL		WT 2024	NO	YES	APPROVED	Cross listed with STATS 535.	
69	NERS	441	MOD	Change to Enforced Prerequisite.	FT 2024	C	YES	APPROVED		

EECS CARFs with Subject Changes to ECE or CSE – Bulk Review

PAGE	SUBJECT	COURSE #	ACTION	SUMMARY	EFFECTIVE TERM	MIN. GRADE REQ. FOR ENF. PREPREQ	Is Course on LSA Course Guide?	APPROVED	NOTES & REVISIONS	TABLED
72	EECS	513	MOD	Change to Advisory Prerequisite.	FT 2024	NO	YES	APPROVED		
75	EECS	517	MOD		FT 2024	NO	YES	APPROVED	Cross listed with NERS 578.	
78	EECS	524	MOD		FT 2024	NO	YES	APPROVED	Cross listed with APPPHYS 524.	
81	EECS	530	MOD		FT 2024	NO	YES	APPROVED	Cross listed with APPPHYS 530.	
84	EECS	532	MOD		FT 2024	NO	YES	APPROVED	Cross listed with CLIMATE 587 and SPACE 587.	
87	EECS	537	MOD		FT 2024	NO	YES	APPROVED	Cross listed with APPPHYS 537.	
90	EECS	540	MOD		FT 2024	NO	YES	APPROVED	Cross listed with APPPHYS 540.	
93	EECS	541	MOD		FT 2024	NO	YES	APPROVED	Cross listed with APPPHYS 541.	
96	EECS	546	MOD		FT 2024	NO	YES	APPROVED	Cross listed with APPPHYS 546.	
99	EECS	552	MOD	Change to Advisory Prerequisite.	FT 2024	NO	YES	APPROVED	Cross listed with APPPHYS 552.	
102	EECS	560	MOD		FT 2024	NO	YES	APPROVED	Cross listed with AEROSP 550, CEE 571, and MECHENG 564.	
105	EECS	562	MOD		FT 2024	NO	YES	APPROVED	Cross listed with AEROSP 551.	
108	EECS	569	MOD		FT 2024	NO	YES	APPROVED	Cross listed with MFG 564.	
111	EECS	586	MOD		FT 2024	B+	YES	APPROVED		
114	EECS	596	MOD	Change to Course Description and Advisory Prerequisite.	FT 2024	NO	YES	APPROVED		

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117	EECS	600	MOD	Change to Advisory Prerequisite.	FT 2024	NO	YES	APPROVED	Cross listed with IOE 600.	
120	PSYCH	643	MOD		FT 2024	NO	YES	APPROVED	Cross listed with EECS 643.	
124	PSYCH	644	MOD		FT 2024	NO	YES	APPROVED	Cross listed with EECS 644.	
127	EECS	662	MOD	Change to Advisory Prerequisite.	FT 2024	NO	YES	APPROVED	Cross listed with AEROSP 672 and MECHENG 662.	
130	PSYCH	740	MOD		FT 2024	NO	YES	APPROVED	Cross listed with EECS 695.	