**UTEP Undergraduate Curriculum Committee**

**Meeting Agenda**

**November 2, 2020**

**I. Call to order**

**Meeting was called to order by A. Duval at 3:05 p.m.**

**II. Members present:**

x\_\_ Tracey Merworth, School of Nursing

\_x\_ Andrew Fleck, College of Lib Arts

\_\_ Vinod Kumar, College of Engineering

\_\_ Hettie Houghton, College of Business

x\_\_ Emre Umucu, College of Health Sciences

\_\_ Rey Reyes, College of Education

\_x\_ Art Duval, College of Science

x\_\_ Jose Herrera, College of Education, At-Large

\_x\_ James Salvador, College of Science, At-Large

x\_\_ Lori Acosta, School of Nursing, At-Large

\_\_ Dominic Kelly, Student Member

\_\_ Daniel Vasquez, Student Member

**III. Visitors present:**

Laura Uribarri, College of Business Administration

Nancy Marcus, College of Science

Feixue Xie, College of Business Administration

Peter Golding, Department of Engineering Education & Leadership

Luc Longpre, Department of Computer Science

Stella Quinones, Department of Metallurgical, Materials and Biomedical Engineering

Shalayna Smith, Department of Metallurgical, Materials and Biomedical Engineering

Roger Gonzalez, Department of Engineering, Education & Leadership

Toni Blum, Office of the Provost

Yvette Huerta, El Paso Community College

Enid Martin, Office of Admissions and Recruitment

Sacnite Ramos, College of Business Administration

Julie Rivera, Office of the Provost

Guillermina Gina Núñez-Mchiri, Faculty Senate President

**IV. Old Business:**

**A. Minutes from October 5 meeting, approved by online vote on October 6**

**Motion passes/fails ( 8 in favor, 0 opposed, 2 abstentions)**

**V. New Business:**

1. **College of Business Administration**
2. **Departments of Economics and Finance, Marketing and Management, Accounting and Information Systems**
3. **Proposal: Modify the prerequisite for Business Core classes**
4. **Action Item: Modify prerequisites for BLAW 3301 (Legal Environment of Business), BUSN 3304 (Global Business Environment), CIS 3345 (Management Information Systems), QMB 3301 (Quantitative Methods in Business), ECON 3310 (Managerial Economics), FIN 3310 (Business Finance), OSCM 3321 (Production/Operations Management), MGMT 3303 (Introduction to Management/Organizational Behavior), MKT 3300 (Principles of Marketing), ACCT 3321 (Intermediate Accounting I)**
5. **Rationale: In Fall 2017, the College modified the prerequisites of the Business Foundation courses in order to ensure that students complete the Business Foundation courses before continuing with Business Core upper-division classes. This semester, the College created Lower Division (LD) codes that allow the College to readopt the “real” prerequisites that were in place before Fall 2017.**
6. **Motion to approve made by Jose Herrera, seconded by Emre Umucu. Motion passes/fails ( 7 in favor, 0 opposed, 0 abstentions)**
7. **Department of Marketing and Management**
8. **Proposal: Addition of the Math requirement to the Marketing, Entrepreneurship, and General Business minors for non-business students**
9. **Action Item: Add requirement of MATH 1320 (Math for Social Sciences I), MATH 1411 (Calculus I), MATH 1508 (Precalculus), MATH 2301 (Math for Social Sciences II), or MATH 2480 (Elementary Statistical Methods) to the Marketing, Entrepreneurship, and General Business minors for non-business students**
10. **Rationale: Require a previously hidden prerequisite. It does not add hours to the degree plan, because these courses fulfill the Mathematics Component Area from the University Core.**
11. **Motion to approve made by Jose Herrera, seconded by James Salvador. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
12. **Department of Finance & Economics**
13. **Proposal: Update prerequisites to QMB 3456**
14. **Action Item: Update prerequisite for QMB 3456 (Actuarial Quantitative Methods I) from MATH 1312 (Calculus II) to MATH 1312 (Calculus II) and QMB 2301 (Fundamentals of Business Statistics)**
15. **Rationale: Give students a foundation to be successful in QMB 3456, a junior-level statistics course.**
16. **Motion to approve made by Jose Herrera, seconded by James Salvador. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
17. **College of Engineering**
18. **Department of Computer Science**
19. **Proposal: Computer Science curriculum changes for the Fall 2020 catalog**
20. **Action Item: (i) Change prerequisite for CS 4374 (Software Construction) from (MATH 2300 (Discrete Mathematics) OR CS 2202 (Discrete Structures II)) AND CS 2302 (Data Structures) to CS 3331 (Advanced Object-Oriented Programming). (ii) remove requirement for junior/senior standing from CS 3331 (Advanced Object-Oriented Programming)**
21. **Rationale: (i) Software Construction includes several knowledge and skills dependencies that students gain in CS 3331. The dependencies include knowledge of fundamental UML modeling notations, knowledge of advanced Object Oriented concepts, code refactoring, code documentation skills using frameworks such as JavaDoc, and translation of designs into implementations. (ii) Some students are ready to take the CS 3331 course slightly before they reach junior status. Whether the student is ready will be decided through advising instead.**
22. **Motion to approve made by James Salvador, seconded by Jose Herrera. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
23. **Department of Engineering Education & Leadership**
24. **Proposal: Proposed changes to the Engineering Innovation and Leadership Degree Plan**
25. **Action Item: (i) Add a new course EL 1301 (Engineering Innovation & Leadership) to the Institutional Core curriculum options. (ii) Remove EL 1405 (Fundamentals of Engineering Leadership & Graphics) and EL 1302 (Introduction to Engineering Leadership & Design). (iii) Adding a new course EL 1402 (Fundamentals of Leadership, Design & Graphics), which incorporates much of our content from EL 1302 (Introduction to Engineering Leadership & Design) and the graphics content from EL 1405 (Fundamentals of Engineering Leadership & Graphics). (iv) Add three credit hours to the emphasis options in each concentration of the BS Innovation and Leadership Engineering degree. (v) Change the prerequisites of EL 2301 (Modeling and Simulation) from EL 1302 (Introduction to Engineering Leadership & Design) to EL 1402 (Fundamentals of Leadership, Design & Graphics)**
26. **Rationale: These changes provide improvements consistent with meeting the intended student outcomes for the degree. The changes are also consistent with our ABET-accreditation achieved in the recent College of Engineering review cycle.**
27. **Motion to approve made by Lori Acosta, seconded by Jose Herrera. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
28. **Department of Metallurgical, Materials and Biomedical Engineering**
29. **Proposal: BS MME Fast Track, MSE Minor and BS MME Catalog Changes**
30. **Action Item (i) Addition and deletion of courses to Fast Track to BS-MME/MS-MME. (ii) Creation of Fast Track for BS-MME/MS-BME. (iii) Creation of minor in Materials Science and Engineering. (iv) Change course description for MME 1205 (Computation/Graphics in Materials Science), and allowing prerequisite (MATH 1411 Calculus I) to be taken concurrently. (v) Clarification to BS MME “General Concentration” catalog language to specify that BS MME students can graduate without a concentration.**
31. **Rationale: (iv) The course description appears to be an error and does not match the course name or the intent of the course.**
32. **Motion to approve made by Jose Herrera, seconded by James Salvador. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
33. **College of Science**
34. **Department of Biological Sciences**
35. **Proposal: Revision to Fast Track Program for BS in Biological Sciences – Biomedical Science concentration/MBA**
36. **Action Item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
37. **Rationale:**
38. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
39. **Department of Biological Sciences**
40. **Proposal: Revision to Fast Track Program for BS in Biological Sciences – Ecology and Evolutionary Biology concentration/MBA**
41. **Action Item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
42. **Rationale:**
43. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
44. **Department of Geological Sciences**
45. **Proposal: Revision to Fast Track Program for BS in Geological /MBA**
46. **Action Item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
47. **Rationale:**
48. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor,0 opposed, 0 abstentions)**
49. **Department of Mathematical Sciences**
50. **Proposal: Revision to Fast Track Program for BS in Mathematical Sciences/MBA**
51. **Action Item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
52. **Rationale:**
53. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
54. **Department of Mathematical Sciences**
    1. **Proposal: Revision to Fast Track Program for BS in Mathematical Sciences – Actuarial Science concentration/MBA**
    2. **Action Item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
    3. **Rationale**
    4. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
55. **Department of Mathematical Sciences**
    1. **Proposal: Revision to Fast Track Program for BS in Mathematical Sciences – Applied Mathematics concentration/MBA**
    2. **Action item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
    3. **Rationale:**
    4. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
56. **Department of Mathematical Sciences**
    1. **Proposal: Revision to Fast Track Program for BS in Mathematical Sciences – Statistics concentration/MBA**
    2. **Action item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
    3. **Rationale:**
    4. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
57. **Department of Biological Sciences**
    1. **Proposal: Revision to Fast Track Program for BS in Microbiology/MBA**
    2. **Action item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
    3. **Rationale:**
    4. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed, 0 abstentions)**
58. **Department of Physics**
    1. **Proposal: Revision to Fast Track Program for BS in Physics – Applied Physics concentration/MBA**
    2. **Action item: Revise Master of Business Administration core courses in accordance with the new 36-credit hour degree plan.**
    3. **Rationale:**
    4. **Motion to approve made by Andrew Fleck, seconded by Lori Acosta. Motion passes ( 7 in favor, 0 opposed,0 abstentions)**

**VI. Motion to adjourn at 4:17 pm. Jose Herrera motions and Tracey Merworth seconds.**