The Undergraduate Curriculum Committee recommends approval of the following:

1. **New Courses**

   **BMEN 207. Computing for Biomedical Engineering. (2-3). Credit 3.** Introduction to the principles of computer programming for biomedical applications including program design and development, programming techniques and documentation; introduction to and programming in the LabVIEW and MATLAB environments. Prerequisite: Admitted to major degree sequence.

   **BMEN 345. Biomaterials Lab. (0-3). Credit 1.** Experimental methods used to prepare and characterize polymeric biomaterials used in biomedical engineering; related fundamental aspects of forming a hypothesis, experimental design, empirical observation, data collection, interpretation and presentation of data. Prerequisite: BMEN 343.

   **ECEN 477. Photonics: Fiber and Integrated Optics. (3-3). Credit 4.** Photonics lab including optical power and spectral measurements of singlemode and multimode optical fibers, hands-on arc fusion splicing, lasers, amplifiers, interferometers, photodetectors, integrated optics, fiber-optic devices, optical modulators. Prerequisite: ECEN 322 and ECEN 370, or approval of instructor.

2. **Withdrawal of Courses**

   **BIOL 123. Essentials in Biology Laboratory.**

3. **Change in Courses**

   **BIOL 206. Introductory Microbiology.**

   Course prerequisites
   
   From:  BIOL 111 or biology equivalent; CHEM 102 or CHEM 104.
   To:  BIOL 101, BIOL 107, BIOL 111, or BIOL 113; CHEM 101 and CHEM 111 or CHEM 103 and CHEM 113.

   **BIOL 351. Fundamentals of Microbiology.**

   Course prerequisites
   
   From:  BIOL 112; CHEM 227 and CHEM 237; or approval of instructor.
   To:  BIOL 112; CHEM 227, and CHEM 237 or CHEM 231; or approval of instructor.

   **COMM 205. Communication for Technical Professions.**

   Course prerequisites
   
   From:  ENGL 104.
   To:  None.

   **COMM 301. Rhetoric in Western Thought.**

   Course prerequisites
   
   From:  None.
   To:  Junior or senior classification.
COMM 315. Interpersonal Communication.

Course prerequisites
From: None.
To: Junior or senior classification.

COMM 320. Organizational Communication.

Course prerequisites
From: None.
To: Junior or senior classification.

COMM 325. Persuasion.

Course prerequisites
From: None.
To: Junior or senior classification.

COMM 327. American Oratory.

Course prerequisites
From: None.
To: Junior or senior classification.

COMM 335. Intercultural Communication.

Course prerequisites
From: Any lower-division communication course, or junior classification, or approval of instructor.
To: Junior or senior classification.


Course prerequisites
From: Any lower-division communication course, or junior classification, or approval of instructor.
To: Junior or senior classification.


Course prerequisites
From: Junior or senior classification or approval of instructor.
To: Junior or senior classification.

Course Inventory (CIP Code)
From: 5219060016
To: 3101010001

Course number
From: RPTS 202.
To: RPTS 302.

Course title
From: Foundations of Tourism.
To: Application of Tourism Principles.

Course description and prerequisites
From: An introduction to travel and tourism from local to international levels; overview of the scale, scope and organization of the industry; emphasis on development of natural, cultural and heritage resources of tourism; identification of issues related to the economic, technological and political aspects of tourism.
To: Tourism principles applied at local, regional and international levels; examination of the scale, scope and organization of the industry including marketing destinations and experiences; issues related to the economic, technological and political aspects of tourism. Prerequisite: Junior or senior classification.
4. Change in Curriculum

Dwight Look College of Engineering
Harold Vance Department of Petroleum Engineering
Minor in Petroleum Engineering
5. Texas A&M University at Galveston

   a. Change in Courses

      **MARA 440. Global Economy and Enterprise Management.**

      Course prerequisites
      From: ECON 203 and junior or senior classification.
      To: ECON 203, MARA 281, and junior or senior classification.

      **MARA 466. Strategic Management.**

      Course prerequisites
      From: MARA 363, MKTG 321, INFO 364, FINC 341, and senior classification.
      To: MARA 281, MARA 363, MKTG 321, SCMT 364, FINC 341 and senior classification.