Courses that do not count for Engineering Elective Credit for Chemical Engineers
Draft prepared by SMW 9/19/2017
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Aerospace Engineering Courses
AE 211. Computing for Engineers. 3 Hours.
AE 221. Introduction to Global History of Aerospace Technologies. 1-3 Hours.
AE 241. Private Flight Course. 1 Hour.
AE 242. Private Flight Aeronautics. 3 Hours.
AE 245. Introduction to Aerospace Engineering. 3 Hours.
AE 290. Aerospace Colloquium. 0.25 Hours.
AE 292. Aerospace Industrial Internship. 1 Hour.
AE 345. Fluid Mechanics. 3 Hours.
AE 390. Aerospace Industrial Internship. 1 Hour.
AE 441. Advanced Flight Training. 1-3 Hours.
AE 490. Aerospace Industrial Internship. 1 Hour.
AE 590. Aerospace Senior Seminar. 1 Hour.

BioEngineering Courses
BIOE 800. Bioengineering Colloquium. 0.5-1 Hours.
BIOE 801. Responsible Conduct of Research in Engineering. 1 Hour.
BIOE 802. Bioengineering Internship. 1-6 Hours.

Chemical & Petroleum Engr Courses
C&PE 111. Introduction to the Chemical Engineering Profession. 2 Hours.
C&PE 117. Energy in the Modern World. 1 Hour.
C&PE 121. Introduction to Computers in Engineering. 3 Hours.
C&PE 127. Introduction to Petroleum Engineering Profession. 1 Hour.
C&PE 211. Material and Energy Balances. 4 Hours.
C&PE 221. Chemical Engineering Thermodynamics. 3 Hours.
C&PE 325. Numerical Methods and Statistics for Engineers. 3 Hours.
C&PE 511. Momentum Transfer. 3 Hours.
C&PE 512. Chemical Engineering Thermodynamics II. 3 Hours.
C&PE 521. Heat Transfer. 3 Hours.
C&PE 523. Mass Transfer. 4 Hours.
C&PE 524. Chemical Engineering Kinetics and Reactor Design. 3 Hours.
C&PE 615. Introduction to Process Dynamics and Control. 3 Hours.
C&PE 616. Chemical Engineering Laboratory I. 3 Hours.
C&PE 624. Process Safety and Sustainability. 3 Hours AE51.
C&PE 626. Chemical Engineering Laboratory II. 3 Hours GE22.

Civil, Envr & Arch Engineering Courses
ARCE 101. Introduction to Architectural Engineering. 2 Hours.
CE 191. Introduction to Civil Engineering. 2 Hours.
CE 330. Fluid Mechanics. 3 Hours.
CE 331. Fluid Mechanics Lab. 1 Hour.
Electrical Engineering and Computer Science Courses
  EECS 137. Visual Basic for Engineers. 3 Hours.
  EECS 138. Introduction to Computing: ______. 3 Hours NM.
  EECS 101. New Student Seminar. 1 Hour.

Engineering Physics Courses
  EPHX 615. Numerical and Computational Methods in Physics. 3 Hours.
  EPHX 623. Physics of Fluids. 3 Hours.
  EPHX 671. Thermal Physics. 3 Hours.

Mechanical Engineering Courses
  ME 208. Introduction to Digital Computational Methods in Mechanical Engineering. 3 Hours.
  ME 312. Basic Engineering Thermodynamics. 3 Hours.
  ME 510. Fluid Mechanics. 3 Hours.
  ME 612. Heat Transfer. 3 Hours.

ALL CMGT Courses
All ENGR courses except ENGR 184, ENGR 301, ENGR 305
All Engineering Management (EMGT, PMGT) Courses