The University Curriculum Committee recommends approval of the following:

1. New Courses

**ECON 445. Financial Economics. (3-0). Credit 3.** Economic analysis of money and financial markets; market structures, efficiency, institutional features; international markets; arbitrage; derivative securities; asset pricing in complete and incomplete markets; relation to rest of economy. Prerequisites: ECON 323; STAT 211 or 303; junior or senior classification.

**GENE 315. Genetics of Plants. (3-0). Credit 3.** Fundamental genetic principles as applied to plants: transmission, replication, expression and interaction of genes; linkage, recombination and mapping; chromosomal and gene mutation; behavior of genes in populations; selection, mating systems, cytoplasmic inheritance; molecular analysis and manipulation of genes and gene products; genetically modified plants. Prerequisite: BIOL 113 or BOTN 101.

**GEOG 361. Remote Sensing in Geosciences. (3-2). Credit 4.** Introduction to the principles, techniques and applications of remote sensing technology in geosciences including the analysis and interpretation of airborne and spaceborne remote sensing data for studying key earth system processes. Prerequisite: GEOG 332 or approval of instructor.

**GEOL 310. Planetary Geology. (3-0). Credit 3.** Introduction to planetary science; organization and composition of the solar system, including the planets, satellites and asteroids; surface features and internal structures of the terrestrial planets and moons; the dynamic processes of planetary resurfacing, including volcanism, tectonism, weathering and impacts; the history and future of solar system exploration. Prerequisites: GEOL 101 or 104; junior or senior classification or approval of instructor.

**GEOS 301. College of Geosciences Study Abroad. Credit 1 to 18.** For students in approved programs abroad. May be repeated for credit. Prerequisites: Admission to approved program and approval of academic dean.

**IDIS 430. Selling Distribution Solutions. (3-0). Credit 3.** Sales and sales management techniques for analyzing distribution challenges and providing solutions through effective communication; establishing credibility, effective questioning techniques, developing solutions, presenting solutions, anticipating objections and gaining a commitment, plus techniques for building, developing and compensating an effective sales organization. Prerequisites: IDIS 340; junior or senior classification.

**MEEN 402. Intermediate Design. (1-3). Credit 2.** Case studies from the areas of mechanical, electro-hydraulic, electro-mechanical and thermal systems; generalized failure analysis, performance
evaluation, design codes, standards and test methods used in a major design project. Prerequisites: MEEN 401; junior or senior classification.

**MKTG 402. International Marketing: Study Abroad. (3-o). Credit 3.** Introduces marketing students to the facets of designing and implementing a marketing strategy in an international setting; provides both a traditional classroom experience along with personal exposure to a variety of European cultures; facilitates understanding of the international marketplace in which these students will function. Prerequisites: MKTG 321; junior or senior classification.

**ODED 408. Theory and Practice of Adventure Education. (3-o). Credit 3.** Foundational theories of adventure education; research and current practice in the application of the theories and their related skills. Prerequisites: ODED 230 and 326; junior or senior classification.

**PETE 335. Technical Presentations I. (1-o). Credit 1.** Preparation of a written technical paper on a subject related to petroleum technology and an oral presentation of the paper in a formal technical conference format; oral presentations judged by petroleum industry professionals. Prerequisites: SCOM 205; junior classification in petroleum engineering.

**SOCI 210. Sociology of Technology and Science. (3-o). Credit 3.** Examination of technology and science from a variety of theoretical perspectives; process by which engineered products are influenced by social factors as well as how they in turn, impact society; exploration and critique of classic and contemporary theories of technological development.

**SPAN 311. Hispanic Culture and Civilization to the 18th Century. (3-o). Credit 3.** Survey of the Hispanic world with emphasis on its history and cultural patterns from pre-Roman times to the 18th century; description and analysis of artistic, historical, literary, political topics. Taught in Spanish. Prerequisite: SPAN 202, 203, 222 or approval of instructor.

**SPAN 312. Hispanic Culture and Civilization: 18th Century to Present. (3-o). Credit 3.** Overview of the Hispanic world, including the United States, from independence in the Americas to present; description and analysis of artistic, historical, literary, political, sociolinguistic topics. Taught in Spanish. Prerequisite: SPAN 202, 203, 222 or approval of instructor.

2. Changes in Courses

**COSC 320. Soils in Construction.**

Course number
From: COSC 320.
To: COSC 323.

**COSC 460. Construction Labor Relations.**

Course number
From: COSC 460.
To: COSC 465.

Course title
From: Construction Labor Relations.
To: Advanced Topics in Construction Law.

Course description
From: Labor relations with focus on federal labor laws, current trends in construction labor issues, and labor contract negotiations and administration by the construction project manager; emphasis on the key duties of the construction project manager combined with practical application of leadership concepts; includes developing different types of construction teams, quality initiatives, handling of grievances and other labor conflict resolution issues, employee relation skills and current leadership issues encountered by the construction project manager.

To: Understanding of legal issues affecting construction organizations including damages, delays, claims, disputes, differing sub-surface conditions, indemnification, choices of law issues, professional liability, warranties, environmental, OSHA and subcontract management; review of litigation and alternative dispute resolution methods regularly used in the construction industry.

Prerequisite
From: COSC 353.
To: COSC 463; junior or senior classification.

COSC 463. Construction Law and Ethics.

Course title
From: Construction Law and Ethics.
To: Introduction to Construction Law.

Course description
From: Study of traditional types of contracts used in the construction industry; review of law applied to the industry; application of contract and law to case studies; legal argumentation and writing; introduction to dispute resolution methods; ethics in the construction industry.

To: Introduction to basic contract and tort issues and their application in the construction industry; delineation of the various types of contracts and remedies available to parties involved in a construction project; topics include bidding, delays, mechanics liens, bonds, insurance and labor law as it relates to the construction industry; introduction to the research resources and analytical processes used by professional constructors.

CPSC 320. Artificial Intelligence.

Course number
From: CPSC 320.
To: CPSC 420.

Course description
From: Fundamental concepts and techniques of intelligent systems; representation and interpretation of knowledge on a computer; search strategies and control; active research areas and applications such as notational systems, natural language understanding, vision systems and expert systems.

To: Fundamental concepts and techniques of intelligent systems; representation and interpretation of knowledge on a computer; search strategies and control; active research areas and applications such as notational systems, natural language understanding, vision systems, planning algorithms, intelligent agents and expert systems.

CPSC 432. Programming Language Design.

Course number
From: CPSC 432.
To: CPSC 332.

Course description
From: Design of high-level languages; criteria for language selection; specification techniques for syntax and semantics; trends in high-level language design.

To: Design of high-level languages; criteria for language selection; specification techniques for syntax and semantics; trends in high-level language design and introduction to programming in LISP.

Prerequisite
From: Junior classification.
To: CPSC 211.


Prerequisites
From: ENGR 211 or registration therein; MATH 251 or 253 or registration therein; upper-level classification in a College of Engineering major.

To: MATH 251 or registration therein; upper-level classification in a College of Engineering major.


Credit hours
From: (3-3). Credit 4.
To: (3-2). Credit 4.

IDIS 144. Computer Applications in Distribution.

Course number
From: IDIS 144.
To: IDIS 242.
Prerequisite
From: MATH 141 or 151 or registration therein.
To: IDIS 240.

IDIS 340. Manufacturer Distributor Relations.

Course description
From: Case histories, current approaches and procedures for attaining and maintaining optimum manufacturer distributor relations: communication, policy, training, distributor calls, check list, distributor selection, danger signals, evaluation and advisory councils.
To: Approaches and procedures for developing and maintaining effective manufacturer distributor relations: marketing channel design, channel roles, managing uncertainty, legal and ethical imperatives, conflict resolution, decision support and strategic marketing.

IDIS 344. Distributor Information and Control Systems.

Prerequisites
From: ACCT 229; upper-level classification.
To: IDIS 144 or 242; IDIS 343 or 414 or registration therein.

IDIS 414. Distribution Logistics.

Course number
From: IDIS 414.
To: IDIS 343.

Prerequisites
From: IDIS 344 and 424; STAT 303; upper-level classification.
To: STAT 303; junior or senior classification.

MEEN 368. Solid Mechanics in Mechanical Design.

Credit hours
From: (3-3). Credit 4.
To: (2-2). Credit 3.

PETE 435. Technical Presentations.

Course title
From: Technical Presentations.
To: Technical Presentations II.
Prerequisite

From: Speech/writing skills and junior classification in petroleum engineering.
To: PETE 335; senior classification in petroleum engineering.