

UC 9197 06F

Page 1 of 2

To: Joel Bloom, Chair, UC

RECEIVED NOV 29 2006

From: Barbara Snelling, Interim Chair, Degree Programs Committee

APPROVED DEC 06 2006

Date: November 29, 2006

The committee met on November 29, 2006, at 3:00 pm. Members Present: Roger Blakely, Luke Faulkenberry, Partha Krishnamurthy, Barbara Lewis, and Barbara Snelling. Guests Present from ENGR: Adam Capitano, Sharon Gates, John Glover, and David Shattuck. Staff Present: Marsha Daly.

The Degree Programs Committee recommends, with minor changes, the following for approval:

- UC 9010 06F: Biomedical Engineering Degree Plan changes
- UC 9011 06F: Chemical Engineering Degree Plan changes
- UC 9013 06F: Petroleum Engineering Minor (new)
- UC 9014 06F: BIOE 2350: Biomechanics (new course)
- UC 9015 06F: BIOE 3340: Quantitative Physiology (new course)
- UC 9016 06F: BIOE 3366: Introduction to Digital Signal Processing (new course)
- UC 9017 06F: ECE 3366: Introduction to Digital Signal Processing
- UC 9018 06F: BIOE 3440: Biothermodynamics and Fluids (new course)
- UC 9019 06F: BIOE 4312: Computational Fluid Dynamics I (new course)
- UC 9020 06F: MECE 5312: Computational Fluid Dynamics I (new course)
- UC 9021 06F: BIOE 4323: Fundamentals of Tissue Engineering I (new course)
- UC 9022 06F: CHEE 5395: Fundamentals of Tissue Engineering I
- UC 9023 06F: MECE 5323: Fundamentals of Tissue Engineering I (new course)
- UC 9024 06F: BIOE 4324: Advanced Biomechanics (new course)
- UC 9025 06F: MECE 5324: Advanced Biomechanics (new course)
- UC 9026 06F: BIOE 4325: Application of Engineering Principles Applied to Biological Systems (new course)
- UC 9027 06F: MECE 4325: Application of Engineering Principles Applied to Biological Systems
- UC 9028 06F: BIOE 4334: Capstone Design
- UC 9029 06F: BIOE 4366: Biomolecular Engineering Fundamentals (new course)
- UC 9030 06F: CHEE 4366: Biomolecular Engineering Fundamentals
- UC 9031 06F: BIOE 4393: Cellular and Biological Transport Phenomena
- UC 9032 06F: CHEE 5393: Cellular and Biological Transport Phenomena
- UC 9033 06F: BIOE 4394: Transport Phenomena in Physiological Systems
- UC 9034 06F: CHEE 5394: Transport Phenomena in Physiological Systems
- UC 9035 06F: BIOE 4455: Bioanalytics
- UC 9036 06F: BIOE 4458: Bioinstrumentation (new course)
- UC 9037 06F: ECE 4458: Bioinstrumentation (new course)
- UC 9038 06F: CHEE 4300: Physics and Chemistry of Engineering Materials
- UC 9042 06F: CHEE 5368: Chemical Process Economics I
- UC 9043 06F: CHEE 5369: Chemical Process Economics II
- UC 9044 06F: CHEE 5374: Reaction Kinetics for Industrial Process
- UC 9045 06F: CHEE 5376: Solid/Liquid Separation Environmental Process

UC 9047 06F: ECE 5314: Introduction to Design and Fabrication of Nanoscale Devices (new course)

UC 9048 06F: ECE 5346: VLSI Design

UC 9049 06F: ECE 5354: Digital Video

UC 9050 06F: ECE 5356: CMOS Analog Integrated Circuits

UC 9051 06F: MECE 5300: Applied Magnetics (new course)

UC 9052 06F: MECE 5331: Machine Design

UC 9053 06F: PETR 5304: Evaluation of Petroleum-Bearing Formations I (new course)

UC 9054 06F: PETR 5328: Petroleum Properties and Phase Equilibria (new course)

UC 9055 06F: PETR 5361: Introduction to Petroleum Engineering

UC 9056 06F: PETR 5362: Reservoir Engineering I

UC 9057 06F: PETR 5364: Origin and Development of Oil and Gas Reservoirs

The Degree Programs Committee recommends the following document be withdrawn from consideration:

UC 9009 06F: Engineering Program Educational Objectives for Academic Programs

UC 9012 06F: Technical Electives for Industrial Engineering