

Troy University Undergraduate Academic Council Minutes
July 12, 2017
Electronic Meeting

Voting Members Involved- Tim, Buckner, Kanessa Doss, Joel Hammonds, Rachel Hooper, Jerry Johnson, Rita Jones, Barbara Metzger, Meg Milligan, Carol Moore, Ben Robertson, Karen Ross, Frank Thompson, Rick Turpin and Shellye Vardamen.

Voting Members Unavailable- Heidi Beattie, Carrie Lee Gardner, Margaret Gnoinska, Jonathan Harrington, and Joe Teng.

Legend: **New Courses**
Revised Courses /Majors/Minors
Renumbered Courses
New Majors or Minors
~~Eliminated Courses~~

COLLEGE OF ARTS & SCIENCES

1. The addition of new courses to the Biomedical Sciences Program (previously Biology Program): Clinical Pathophysiology and Clinical Pathophysiology Lab.

BIO 44XX Clinical Pathophysiology (3)
An objective-oriented, problem-solving introduction to general disease processes including mechanisms of health and disease, disorders of organ systems, and developmental disorders.
Prerequisites: CHM 3352/L352, BIO 3348/L348, BIO 3372/L372
Co-requisite: L4XX Clinical Pathophysiology Lab

BIO L4XX Clinical Pathophysiology Lab (1)
This course addresses normal and abnormal macroscopic and microscopic structures, provides students with the opportunity for detailed study of various aspects of pathology, understanding of basic specimen collection, labeling, handling protocols practical, and theoretical basis for laboratory test selection and interpretation.
Prerequisites: CHM 3352/L352, BIO 3348/L348, BIO 3372/L372
Co-requisite: 44XX Clinical Pathophysiology

Approved by council.

2. Changes to the Electronics Engineering Technology Program.

ELECTRONICS ENGINEERING TECHNOLOGY PROGRAM (55 54 HOURS)

Area III

MTH 1125	(4)	Calculus I
MTH 1112	(4)	Pre-Calculus Algebra (or higher)
CHM 1142	(3)	General Chemistry I
CHM L142	(1)	General Chemistry I Lab

Area V

TROY 1101	(1)	University Orientation
CS 2250	(3)	Computer Science I
GEM 1100	(2)	Computer-Aided Drafting I
MTH 1125	(4)	Calculus I

Requirements:

MTH 1126	(4)	Calculus II
PHY 2262	(3)	Physics I w/Calculus
PHY L262	(1)	Physics I w/Calculus Lab
PHY 2263	(3)	Physics II w/Calculus
PHY L263	(1)	Physics II w/Calculus Lab
EET 2210	(3)	Electronic Devices and Materials
EET 2215	(3)	Analog Circuits and Systems
EET L215	(1)	Analog Circuits and Systems Lab
EET 3315	(3)	Digital Circuits and Systems
EET L315	(1)	Digital Circuits and Systems Lab
EET 3320	(3)	Measurement and Instrumentation
EET 4415	(3)	Automation and Control
EET L415	(1)	Automation and Control Lab
EET 4420	(3)	Fundamentals of Microcontrollers
EET L420	(1)	Fundamentals of Microcontrollers Lab
EET 4425	(3)	Data Communication & Networking
EET 4430	(3)	Optical Electronics
EET 4435	(4)	LSI/ VLSI Design
EET 4440	(4)	Electronic Testing with Lab
EET 4499	(3)	Electronic Engineering Technology Capstone

Approved by council.

3. Addition of prerequisite for BIO 4414 Food Microbiology.

BIO 4414 Food Microbiology (3)

This course focuses on topics in microbial metabolism, food spoilage, food preservation techniques, and foodborne pathogens and their control. Some molecular techniques will be introduced.

Prerequisites: BIO 3372/L372.

Co-requisite: BIO L414.

Approved by council.

SORRELL COLLEGE OF BUSINESS

1. The addition of prerequisite for BUS 3382 Business Communications.

BUS 3382 Business Communication (3)

Analysis and composition of business and personal communications including mechanics and content of letters and memoranda.

Prerequisite: ENG 1102 or 1104 & Lower-Level Business Core Classes.

Barbara Metzger asked for a rationale on the prerequisite addition. Dr. Findley provided the following: This course is a part of our upper level courses. It cannot be taken unless all lower level courses are completed. Too many students are registering in that course without finishing lower level courses which affects our accreditation.

Approved by council.

COLLEGE OF COMMUNICATION AND FINE ARTS

No Agenda Items

COLLEGE OF EDUCATION

1. The addition of a new COE Study Abroad Course: EDU 33XX/55XX Global Identity.

EDU 33XX/55XX Global Identity (3)

Studying abroad is a transformative experience that has the power to challenge our thinking and our perspective on the world. This course aims to attract students across disciplines, to promote interprofessional development, and to prepare them to expand their understanding of their global identity and communicate their growth in intercultural competence toward their personal and professional development. Students make connections between their study abroad experience and the broader range of skills connected with this experience, to become a competitive member of a global workforce.

Approved by council.

2. Change in prerequisite for ELE 3362 Teaching Mathematics.

ELE 3362 Teaching Mathematics (3)

This course provides a study of the varied dimensions of instruction in mathematics. Emphasis is placed on appropriate instruction and resources, including technology for the instruction of students in grades K-6.

Prerequisites: admission to TEP, completion of MTH 2251 ~~and~~ or 2252 with a grade of C or better

Co-requisite: ELE L362

Approved by council.

COLLEGE OF HEALTH AND HUMAN SERVICES

No Agenda Items

Information Items: - Reactivation of Secondary Education Programs on the Dothan Campus for Biology, Chemistry, General Science and History beginning August 1, 2017.