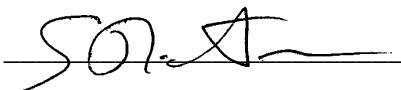


UNDERGRADUATE CURRICULUM MINUTES

Date: 10/28/2005

Minutes Approved by: 

Date Approved: 1/11/06

TO: Dr. Stephen A. Richters
Provost

FROM: Dr. Lon Smith, Chair
Undergraduate Curriculum Committee
And
Dr. Chris Michaelides, Vice-Chair
Undergraduate Curriculum Committee

FACULTY MEMBERS PRESENT: L. Smith, C. Michaelides, R. Hanser, P. Sanders, A. Kelly, P. Nelson, D. Schween, S. Saydam, B. Fassett, H. Rappaport, P. Meredith, C. Browder
FACULTY MEMBERS ABSENT BUT EXCUSED: None
FACULTY MEMBERS ABSENT: None
STUDENT MEMBERS PRESENT: N/A
STUDENT MEMBERS ABSENT: N/A

1. THE DEPARTMENT OF TOXICOLOGY requests:

Presenter: Dr. Benny Blaylock
Action: REINSTATE TOXI 443, Laboratory companion to TOXI 444
A laboratory dedicated to the practical application of information disseminated in Toxicology 444. Three hours laboratory. Prerequisite: credit or registration in 444. Toxicology majors only. Sp
Credit hours: 1
Level: Undergraduate
Activity Type: LAB
Maximum Hours To Be Earned: 1
Cross-Listed: N/A
Beginning Term: 061
Offered: Fixed
Fixed/Variable: Fixed
Variable Range:
Abbreviated Course Title: Industrial Hygiene Lab
Decision: APPROVED

2. THE DEPARTMENT OF MATH AND PHYSICS requests:

Presenter: Dr. Annela Kelly
Action: ADD MATH 409 Cryptology
Introduction to modern applications of mathematics. Private key ciphers, including Shift, Affine and Vigenere; attacks on these ciphers. Modern public key ciphers including RSA and Knapsack. Prerequisite: A grade of "C" or better in Math 240 or permission of the instructor.
Credit hours: 3
Level: Undergraduate
Activity Type: LEC
Maximum Hours To Be Earned: 3
Cross-Listed: N/A
Beginning Term: 061
Offered Fixed
Fixed/Variable:
Variable Range:
Abbreviated Course Title: Cryptology
Decision: APPROVED

3. THE DEPARTMENT OF MATH AND PHYSICS requests:

Presenter: Dr. Annela Kelly
Action: ADD MATH 431 Fundamentals of High School Mathematics I
Emphasis is on teaching at the high school level. Topics include, but are not restricted to, number concepts and relationships, geometry and measurement. Not applicable toward a major or minor in mathematics. Applies to middle and high school certification.
Credit hours: 3
Level: Undergraduate/Graduate
Activity Type: LEC
Maximum Hours To Be Earned: 3
Cross-Listed: N/A
Beginning Term: 062
Offered Fixed
Fixed/Variable:
Variable Range:

Abbreviated Course Title: Fund HighSchool I
Decision: APPROVED

4. THE DEPARTMENT OF MATH AND PHYSICS requests:

Presenter: Dr. Annela Kelly
Action: ADD MATH 432 Fundamentals of High School Mathematics II
Emphasis is on teaching at the high school level. Topics include, but are not restricted to, algebra, algebraic structures, data analysis, basic statistics. Not applicable toward a major or minor in mathematics. Applies to middle and high school certification.
Credit hours: 3
Level: Undergraduate/Graduate
Activity Type: LEC
Maximum Hours To Be Earned: 3
Cross-Listed: N/A
Beginning Term: 062
Offered Fixed
Fixed/Variable:
Variable Range:
Abbreviated Course Title: Fund HighSchool II
Decision: APPROVED

5. THE DEPARTMENT OF MATH AND PHYSICS requests:

Presenter: Dr. Annela Kelly
Action: CHANGE MATH 113 course description
A pre-calculus course emphasizing functions of algebraic, trigonometric, and transcendental nature. This course is designed for those students who intend to enroll in calculus. Prerequisite: Open only for students whose Math ACT is 21 or higher.
Credit hours: 3
Level: Undergraduate
Activity Type: LEC
Maximum Hours To Be Earned: 3
Cross-Listed: N/A
Beginning Term: 061

Offered
Fixed/Variable: Fixed
Variable Range:
Abbreviated Course Title: Elem Functions
Decision: APPROVED

6. THE DEPARTMENT OF MATH AND PHYSICS requests:

Presenter: Dr. Annela Kelly
Action: REMOVE MATH 091 Fundamentals of Mathematics

Credit hours: 3
Level: Undergraduate
Activity Type: LEC
Maximum Hours To Be Earned: 3
Cross-Listed: N/A
Beginning Term: 061
Offered
Fixed/Variable: Fixed
Variable Range:
Abbreviated Course Title:
Decision: APPROVED

7. THE DEPARTMENT OF MATH AND PHYSICS requests:

Presenter: Dr. Annela Kelly
Action: REMOVE MATH 311 Geometry for Elementary Teachers

Credit hours: 3
Level: Undergraduate
Activity Type: LEC
Maximum Hours To Be Earned: 3
Cross-Listed: N/A
Beginning Term: 061
Offered
Fixed/Variable: Fixed
Variable Range:

Abbreviated Course

Title:

Decision: APPROVED

8. THE DEPARTMENT OF MATH AND PHYSICS requests:

Presenter: Dr. Annela Kelly
Action: REMOVE MATH 312 Data, Patterns and Structures for
Elementary Teachers

Credit hours: 3
Level: Undergraduate
Activity Type: LEC
Maximum Hours To
Be Earned: 3
Cross-Listed: N/A
Beginning Term: 061
Offered
Fixed/Variable: Fixed
Variable Range:
Abbreviated Course
Title:
Decision: APPROVED

ADDENDUM

The following items of business were also conducted:

- 1) It was noted that the new proposal system is a major improvement over hard copy distribution: it is more efficient and easier to use.