

## UNIVERSITY OF RHODE ISLAND FACULTY SENATE

November 21, 2013

### Faculty Senate Curricular Affairs Committee Five Hundred and Ninth Report

At the October 21, 2013 meeting of the Curricular Affairs Committee and by electronic communication subsequently, the following matters were considered and are now presented to the Faculty Senate.

#### SECTION I Informational Matters

##### TEMPORARY COURSES

**1. CSF 102X Fundamentals for Cyber Security (4)**

This course provides an overview of the technical background required to provide solutions to many cyber security problems. This background includes: binary/hex number systems, operating systems concepts, file systems, OSI model, network topologies and protocols, and wireless standards and implementations. (Online)

**2. MTH 140X, change in grading from S/U to letter grades**

**MTH 140X Calculus 1A (1)**

This course is offered during J-Terms and is designed to enhance understanding of MTH 141 - Introductory Calculus with Analytic Geometry. A review is given of concepts from MTH 141 that have been identified as crucial for success in MTH 142 - Intermediate Calculus with Analytic Geometry. It is designed for students who passed MTH 141 but who want to improve their chances for success in MTH 142 (Online). Pre: MTH 141, or permission.

**3. NRS 475X Coral Reef Conservation and Analysis (3)**

Investigation of human impacts on coral reef ecosystems and strategies to conserve their biodiversity. Laboratory sessions focus on field surveys and research techniques. Travel required; additional costs apply. Not for graduate credit. (Lec. 1, Lab 3, Rec. 1) Pre: Permission of Instructor and SCUBA certification required.

##### COURSE CHANGES

**4. HIS 310, change of pre-requisites**

**HIS 310 History of Europe: 1815-1914 (3)**

Major political, economic, and intellectual developments in Europe from the defeat of Napoleon I to the outbreak of World War I; emphasis on the Revolutions of 1848, unification of Italy and Germany, impact of the Industrial Revolution, nationalism and imperialism, background of World War I. (Lec. 3) Pre: Sophomore standing or permission of instructor. (L) [D]

**5. HIS 311, change of pre-requisites**

**HIS 311 History of Europe Since 1914 (3)**

Detailed study of developments from 1914 to present: wars, postwar adjustments, communist and fascist ideologies, history of individual states, and social and intellectual trends. (Lec. 3) Pre: Sophomore standing or permission of instructor. (FC) (L) [D]

**6. OCE 471, change of pre-requisites**

**OCE 471 Underwater Acoustics (4)**

Vibrations, the acoustic wave equation, duct acoustics, and sound pressure levels and spectra. Underwater acoustics including transducers, arrays, surface and bottom scattering, and ray propagation. (Lec. 4) Pre: OCE 301, PHY 205. Not for graduate credit.

**SECTION II**

**Curricular Matters Which Require Confirmation by the Faculty Senate**

**COURSE CHANGES**

**1. OCG 200, change of title, description, and credits from 4 to 3**

**OCG 200 Extreme Weather (3)**

Introduction to the observations, theories and forecasts of weather phenomena with focus on extreme weather. Learn the vocabulary and specifics of weather, put these facts together to understand key weather principles and then apply those principles to decision making. (Lec. 3) (N)

**2. STA 307, change of description and credits from 3 to 4**

**STA 307 Biostatistics I (4)**

Statistical methods applicable to health sciences. Data presentation. Vital statistics and life tables. Fitting models to health data. Testing, estimation, analysis of cross-classifications, regression, correlation. (Lec. 3, Rec. 1). Pre: MTH 107 or 108 or 131 or 141 or permission. Not open to students with credit in 308 or 409.

**NEW COURSES**

**3. HIS 178 (177X) History of the Modern Middle East (3)**

Course covers the major social and political issues which have shaped the history of the contemporary Middle East. Topics include the impact of colonialism, nationalism, socialism, and Islamic revival movements. (Lec. 3) (L) (FC)

**4. HIS 379 The Jews of Islamic Lands: A History (3)**

This course introduces the Jews of Islamic lands. It examines their social, religious, intellectual and political experiences from the beginning of Islam to 19th-century European colonialism in the Middle East. (Lec. 3) (L) (FC)