

4-15-2016

SR-15-16-36 CC

Marshall University

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CURRICULUM COMMITTEE RECOMMENDATION

SR-15-16-36 CC

NOTE: The curricular form for each item listed may be accessed at www.marshall.edu/senate/ucc. Click the UCC Agendas/Minutes link; click the link for the March 11, 2016 meeting date; click the link in the Description column to open a particular item.

Recommends approval of the listed UNDERGRADUATE COURSE ADDITIONS in the following colleges and/or schools/program: COLLEGE OF ARTS & MEDIA, COLLEGE OF EDUCATION & PROFESSIONAL DEVELOPMENT, COLLEGE OF LIBERAL ARTS, and COLLEGE OF SCIENCE.

- **COLLEGE OF ARTS & MEDIA:**

- *Course Title to be added: Portfolio Review AM 299 0 credit hours
- * Catalog Description: Students present work from major courses for review by video production teaching faculty. Successful completion of 299 is a prerequisite for advancing to additional course work in the major.
- *Prerequisite(s): None

- *Course Title to be added: Video Internship AM 490 1-3 credit hours
- *Catalog Description: For juniors and seniors to gain experience working with industry professionals, to be exposed to, understand, and work toward real deadlines, practice professionalism, and start networking to find a career.
- *Prerequisite(s): None

- *Course Title to be added: Senior Pre-Capstone AM 498 3 credit hours
- *Catalog Description: A preparatory class for AM 499. Students will conceive, plan and start production of a culminating senior video project.
- *Prerequisite(s): ART 454, JMC 432

- *Course Title to be added: Senior Capstone Project AM 499 3 credit hours
- *Catalog Description: A discipline-based experience combining video production capabilities and a range of knowledge outside the field resulting in a culminating senior video project.
- *Prerequisite(s): AM 498

- *Course Title to be added: Music Internship MUS 495 1-4 credit hours
- *Catalog Description: Practical synthesis and application of knowledge and skills gained during the student's course of study.
- *Prerequisite(s): MUS 376: Junior Recital

- **COLLEGE OF EDUCATION & PROFESSIONAL DEVELOPMENT:**

- *Course Title to be Added: Intro to Science Elem Ed CI 248 3 credit hours

*Catalog Description: Introduction to teaching science in elementary schools, emphasizing inquiry-based learning practices and effective research-based teaching strategies. Activities include seminars, discussions and experimentation using learning modules targeting Earth and Space.

*Prerequisite(s): MTH 127/130

*Course Title to be added: Ed Psych Developing Learner EDF 201 3 credit hours

*Catalog Description: A study of the psychological principles for learning and teaching based on children's emotional, social, cognitive, and physical development.

*Co-requisite(s): EDF 270

*Prerequisite(s): None

- **COLLEGE OF LIBERAL ARTS:**

*Course Title to be added: Senior Capstone I GEO 498 2 credit hours

*Catalog Description: This senior capstone course combines research methods, data collection, and analysis to produce original research on questions and problems in Geography. Part I: Pilot Project.

*Prerequisite(s): GEO426, and (GEO440, MTH225, MGT218, PSY223, SOC345, ANT301, or EDF417)

- **COLLEGE OF SCIENCE:**

*Course Title to be added: Web Programming II CIT 313 3 credit hours

*Catalog Description: The second semester of a two course sequence on Web programming. This course focuses on server-side programming and databases. Topics covered include PHP, MySQL, web services, and security.

*Prerequisite(s): CIT 263

*Course Title to be added: iOS Development CIT 413 3 credit hours

*Catalog Description: Students will learn to develop iOS applications using HTML5/PhoneGap, Objective-C, and Swift, using Apple and third-party SDKs. Also covers basic concepts for designing intuitive and usable user-interfaces.

*Prerequisite(s): CIT 265 or permission

*Course Title to be added: Android Development CIT 414 3 credit hours

*Catalog Description: Students will learn to develop Android applications using Java and the Android SDK. Course covers user interfaces, audio integration, SQLite databases, location services, sensors, and custom graphics.

*Prerequisite(s): CIT 265 or permission

*Course Title to be added: 3D Modeling and Animation CIT 446 3 credit hours

*Catalog Description: Covers 3D modeling to create environments and character animation. Explores 3D forms within sculpture, architecture, animation and games. Includes development of simplifications, abstractions and hyper-realities for gaming.

*Prerequisite(s): CIT 360 or permission

*Course Title to be added: Modeling/Simulation Dev CIT 447 3 credit hours

*Catalog Description: Course applies fundamentals of game development to educational games or simulations within a virtual world. Explores virtual worlds, basic scripting/modeling techniques and role-playing simulations to teach any concept.

*Prerequisite(s): CIT 446 or permission

*Course Title to be added: Mobile Game Development CIT 448 3 credit hours

*Catalog Description: Students will work in teams to develop games for mobile devices. Emphasis on mobile development tools, techniques, cross platform development, and standard practices, using open-source software.

*Prerequisite(s): CIT 413 or permission

*Course Title to be added: Geologic Hazards & Resources GLY 100 3 credit hours

*Catalog Description: Introductory course for non-science majors focusing on (i) Earth Hazards; causes, and mitigation, (ii) Climate change and its impacts; and (iii) Earth and Energy resources, their origin, development, and environmental impacts.

*Prerequisite(s): None

*Course Title to be added: Computational Physics PHY 340 3 credit hours

*Catalog Description: Presents basic numerical methods used for solving complex physics problems and for the simulation of physical processes with C++ 2lec-2lab (PR: PHY 211 and PHY 213).

*Prerequisite(s): PHY 211 and PHY 213 or equivalent

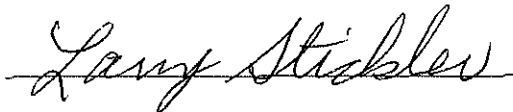
*Course Title to be added: Medical Physics PHY 360 3 credit hours

*Catalog Description: Physics principles applied to devise methods for diagnostic and treatment of the body. Will enhance writing skills and strategies 2lec-2lab (PR: PHY 203 or PHY 213 and PHY 204).

*Prerequisite(s): PHY 203 or 213 and PHY 204

FACULTY SENATE CHAIR:

APPROVED BY THE
FACULTY SENATE:



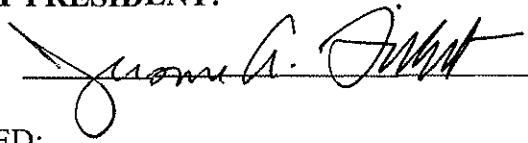
DATE: 4/15/2016

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FACULTY SENATE:

DATE: _____

UNIVERSITY PRESIDENT:

APPROVED:



DATE:

4.26.16

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DATE:
