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5-15-2013

SR-12-13-40 CC

Marshall University

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Recommended Citation

CURRICULUM COMMITTEE
RECOMMENDATION

SR-12-13-40 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 April 5, 2013 meeting date; click the link in the Description column to open a particular item.

Recommends approval of the listed **COURSE CHANGES** in the following colleges and/or schools/program: **COLLEGE OF EDUCATION, COLLEGE OF HEALTH PROFESSIONS, COLLEGE OF INFORMATION TECHNOLOGY & ENGINEERING, COLLEGE OF LIBERAL ARTS, and COLLEGE OF SCIENCE.**

- ## COLLEGE OF EDUCATION:

ATE	301	**RBA Portfolio**	1 credit
		*Change alpha designator from ATE to ITL	
		ATE is not offering undergraduate courses.	

ECE	201	Early Education Technology	1 credit
		*Change credit hours from 1 to 3 credits	
		*Change catalog description to:	
		Application of technology in the teaching and administration of early childhood education programs.	

- ## COLLEGE OF HEALTH PROFESSIONS:

HP	200	Introduction to Epidemiology	3 credits
		*Change alpha designator from HP to PH	
		*Change course number from 200 to 105	

HP	250	Introduction to Public Health	3 credits
		*Change alpha designator from HP to PH	
		*Change course number from 250 to 101	

HP	400	Global Health	3 credits
		*Change alpha designator from HP to PH	
		*Change course number from 400 to 270	

PH	201	Community Hlth and Public Safety	3 credits
		*Change course title to Community Hlth & Devpt	
		* Change course number from 201 to 260	

PH	304	Survey of Environmental Health	3 credits
		*Change course title to Environmental Health	

*Change course number from 304 to 285

| PH | 440 | Research/Seminar on PH 1 | 3 credits |

*Change course title to Seminar on Public Health 1
*Change course number from 440 to 470
*Change credit hours from 3 to 2

| PH | 457 | Research/Seminar on PH 2 | 3 credits |

*Change course number from 457 to 471

• COLLEGE OF INFORMATION TECHNOLOGY and ENGINEERING:

| CS | 210 | Algorithm Analysis and Design | 3 credits |

*Change course title to: Data Structures and Algorithms
*Change catalog description to: Design and implementation of date structures including stacks, queues, lists, trees, heaps, balanced trees, and graphs. Other topics include hashing, threading, data parsing, program testing, correctness, efficiency, and exceptions.

| CS | 215 | Adv Alg Analysis and Design | 3 credits |

*Change course title to: Adv Data Struct and Algorithms
*Change catalog description to: Advances techniques for designing and analyzing algorithms, including asymptotic analysis; data structures; divide-and-conquer algorithms and recurrences; greedy algorithms; dynamic programming; graph algorithms; randomized algorithms; and NO-complete problems.

| CS | 350 | Database Engineering | 3 credits |

*Change course number from 350 to 410
*Change catalog description to: Study of data models, data description languages, query languages including relational algebra and AQL, logical and physical database design, transactions, backup and recovery. Design and implementation of a database application.

| CS | 400 | High Performance Computing | 3 credits |

**Change in course number from 400 to 404

• COLLEGE OF LIBERAL ARTS:

| GEO | 201 | Introduction to GPS | 1 credit |

*Change course number from 201 to 112

| GEO | 203 | Economic Geography | 3 credits |

*Change in course title to: Economic Geography (CT)
* Add CT course designation

- ## COLLEGE OF SCIENCE:

IST   111   Living Systems   4 credits
*Change in catalog description to: This course is designed to equip
students to observe and create their own questions, test them, and continue
the process of scientific inquiry related to living systems.

IST   130   Analy Meth I – 1st Statistics   4 credits
*Change course title to: Analytical Methods: Statistics
*Change course description to: Students develop an understanding of
statistical reasoning through the use of software to generate, summarize,
and draw conclusions from data. Course enhances statistical technique
dexterity through analysis of applied problems.

IST   448   Forensic Uses of Digital Ima   3 credits
*Change course title to: Forensic Image/Video Analysis
*Change course description to: Course will introduce principles of forensic image
and video analysis and their application to digital forensics. Practical forensic
enhancement and analysis techniques, including how to prepare forensically-
sound exhibits, are covered.

MTH   098   Mathematical Skills I   3 credits
*Change credit hours from 3 to 3 or 4
COS is requesting that the credit hours for this course be variable so that these
students can get 4 credits for their successful completion of the course.

MTH   121B   Concepts and Applications   4 credits
*Add CT designation to course

MTH   413   Stat Models Anal Var-Covar   3 credits
*Change course title to: Experimental Designs

MTH   412   Stat Models Regr Corr Analysis   3 credits
*Change course title to: Regression Analysis

FACULTY SENATE CHAIR:

APPROVED BY THE   _Eldon R. Lars_____
FACULTY SENATE: _____ DATE: _5-15-13_

DISAPPROVED BY THE
FACULTY SENATE: _____ DATE:_____

UNIVERSITY PRESIDENT:

APPROVED: _____ DATE: _6/3/13_

DISAPPROVED: _____ DATE:_____

COMMENTS: _____

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