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SR-15-16-48 CC

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CURRICULUM COMMITTEE RECOMMENDATION

SR-15-16-48 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 15, 2016 meeting date; click the link in the Description column to open a particular item.

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

- **COLLEGE OF ARTS & MEDIA:**

*Course Title: Advertising/Continuity Writing JMC 221 3 credit hours

*Change credit hours to: 3 credit hours

*Rationale: This course is listed correctly in the course catalog as a 3-credit course, and students receive 3 credits for the course on transcripts, but on the master list in the registrar's office, it is listed as a 3 to12 credit course. The registrar needs authorization to correct the master list.

*Course Title: Women Min & Mass Media JMC 455 3 credit hours

*Change course title to: Race Gender & Mass Media

*Change catalog description to: A seminar that explores the participation of women and people of color in mass media; representations of gender and race are examined.

*Rationale: The name of this course should be changed to reflect contemporary terminology widely used in the field of media studies. Scholarship in the field is no longer limited to discussion of women or minorities, but instead is concerned with analyzing how gender and race are represented and constructed within mass media. As the conceptual basis and scholarly literature addressed in this course have evolved, the title of the course should be changed to more accurately represent it.

*Course Title: Instrumental Conducting MUS 315 2 credit hours

*Change course title to: Basic Conducting

*Change catalog description to: Introduction to fundamental conducting skills: baton use, beat patterns of simple/compound meters, fermata holds/releases, cues to discrete parts using hand and/or visual gestures, leadership, conducting terminology, transposition and score reading.

*Rationale: When taught at the introductory level, there are many similarities in the fundamentals of both instrumental and choral conducting, i.e. patterns, articulations, entrances, releases, cues, dynamics, etc. Due to these similarities, there is a large amount of material overlap as MUS 315 (Instrumental Conducting) and MUS 415 (Choral Conducting) are currently presented, ultimately leading to a lesser amount of material being learned and mastered by the students. This change allows for conducting to be taught in a two-semester sequence whereupon basic conducting fundamentals are introduced, learned, and mastered in this first-semester, leading students to an advanced conducting course in the second semester.

*Course Title: Choral Conducting MUS 415 2 credit hours

*Change course title to: Advanced Conducting

*Change catalog description to: Advanced study of choral and instrumental conducting techniques emphasizing rehearsal and performance strategies, score study, ensemble warm-ups, asymmetric and changing meters. Lab ensemble experience provided.

*Course Title: Sophomore Review THE 295 0 credit hours

*Change catalog description to: Sophomore Review. 0 hrs. This course is a series of interviews, auditions and assessment instruments designed to determine a student's potential to successfully continue and complete the theatre degree curriculum. (PR 101, 220, 221, 222, 240, 245, 250)

*Rationale: The Sophomore Review now includes both BA and BFA students, so the wording "to complete the Theatre Department's BFA curriculum" was removed and replaced by more inclusive language.

- **COLLEGE OF BUSINESS:**

*Course Title: Intermediate Accounting ACC 311 3 credit hours

*Change course title to: Intermediate Accounting I

*Change catalog description to: Study of U.S. and International accounting standards related primarily to assets and financial statement preparation. Accounting standards research and application of Excel are integrated throughout the course.

*Rationale: The course description was changed from a very generic description to one that actually describes the content of the course. The research and Excel skills that are expected outcomes of the division for the course are also highlighted. The title change is to make this course and ACC 312 have different account titles. This is a prerequisite to ACC 312, using the same text and basic curricular approach. Adding the I and II to the courses would make this progression clear.

*Course Title: Intermediate Accounting ACC 312 3 credit hours

*Change course title to: Intermediate Accounting II

*Change catalog description to: Study of U.S. and International accounting standards related primarily to liabilities and revenue recognition. Accounting standards research and application of Excel are integrated throughout the course.

*Rationale: The course description was changed from a very generic description to one that actually describes the content of the course. The research and Excel skills that are expected outcomes of the division for the course are also highlighted. The title change is to make this course and ACC 311 have different account titles. This is a continuation course of ACC 311, using the same text and basic curricular approach. Adding the I and II to the courses would make this progression clear.

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

*Course Title: Teach Elem School Mathematics CI 301 3 credit hours

*Change course title to: Teach Elem/Middle Mathematics

*Rationale: The title needs to be changed to reflect the middle school mathematics methods covered in the course and that this is a methods course for pre-service teachers who will be teaching elementary and/or middle school mathematics, not just elementary.

- **COLLEGE OF HEALTH PROFESSIONS:**

*Course Title: Spinning PEL 118 1 credit hour

*Change course title to: Indoor Cycling

*Rationale: Spinning is a trademarked name and changing the name to indoor cycling will remove university liability of trademark infringement.

*Course Title: Seminar on Public Health 1 PH 470 2 credit hours

*Change credit hours to: 3 credit hours

*Rationale: Currently this course has been listed as a 2 credit hour course and based on the content covered and keeping in mind the accreditation requirements it is proposed to change this course to a 3 credit hour course.

- **COLLEGE OF INFORMATION TECHNOLOGY & ENGINEERING:**

*Course Title: Senior Engineering Seminar ENGR 452 1 credit hour

*Change course title to: Senior Capstone Design I

*Change credit hours to: 2 credit hours

*Change catalog description to: Prepares students for engineering practice by focusing on licensure, ethics, and professional responsibility. Students begin work on senior capstone design projects that are finished the following semester in ENGR 453. (PR: Senior Standing in Engineering; Permission)

*Rationale: When ENGR 452 was initially added to the curriculum in 2009, it was a 3-hour course titled Engineering Practice & Design with a description and content similar to the one currently proposed. It also included review sessions for the Fundamentals of Engineering (FE) exam. In 2012, the course was changed from 3 hours to 1 hour and re-titled Senior Engineering Seminar. The FE exam review was removed from the course and the amount of senior capstone project work completed in this course was greatly reduced (which is why it is still in the current catalog description, but the course is only 1 hour). The FE exam reviews are still conducted, but held outside of class time and voluntary for students to participate. It was felt that students were able to sufficiently complete their senior capstone design project within one semester during ENGR 453. Due to the scope of the capstone design projects and the amount of time required for students to adequately apply the engineering design process, it is necessary to add an hour back to ENGR 452 so that the students can begin work on the project earlier. This change is further supported by feedback received from an external accreditation entity during Fall 2015. Paperwork is simultaneously submitted to rename ENGR 453 to be Senior Capstone Design II to reinforce that these two courses are to be taken as a sequence.

*Course Title: Senior Design Projects ENGR 453 3 credit hours

*Change course title to: Senior Capstone Design II

*Change catalog description to: Students utilize the engineering design process to complete a comprehensive project that addresses a real-world problem with realistic constraints in a collaborative environment. (PR: ENGR 451, ENGR 452)

*Rationale: Since 2012, senior engineering capstone design projects were contained within ENGR 453. Due to the scope of the capstone design projects and the amount of time required for students to adequately apply the engineering design process, it is necessary to begin the projects in the previous semester during ENGR 452. This change is further supported by feedback received from an external accreditation entity during Fall 2015. Paperwork is simultaneously submitted to increase ENGR 452 from 1 hour to 2 hours and rename it to Senior Capstone Design I. Renaming ENGR 453 to Senior Capstone Design II will reinforce that this class is a continuation of ENGR 452.

- **COLLEGE OF SCIENCE:**

*Course Title: Analytical Methods: Statistics IST 130 4 credit hours

*Change Alpha Designator to: NRRM

*Change Course number to: 200

*Rationale: Integrated Science and Technology is comprised of 6 majors, and we have basically run out of course numbers to use. In conjunction with a strategic reorganization of the College of Science, the Integrated Science and Technology Department will be split into individual departments and most of the IST courses will be taking on new designators. IST130 will be moved to the Environmental Science and Recreation Management Department, thus changing the designator from IST to NRRM. While making this change, we also feel that the new course number would be appropriate to better sequence our courses based on the way in which the course is currently taught.

*Course Title: Intro to Linux IST 261 3 credit hours

*Change Alpha Designator to: DFIA

*Rationale: Alpha Designator-COS reorganization. Program/degree specific alpha designators are both needed and more appropriate.

*Course Title: App Digital Evidence & eDisco IST 447 4 credit hours

*Change Course Title to: Applied Digital Forensics

*Change Alpha Designator to: DFIA

*Change in Course number to: 460

*Rationale: Course Title-More appropriate title based on major and course focus. Alpha Designator-COS reorganization. Program/degree specific alpha designators are both needed and more appropriate. Course number-This new number reflects its position in course sequence.

*Course Title: Forensic Image & Video IST 448 3 credit hours

*Change Alpha Designator to: DFIA

*Rationale: Alpha Designator-COS reorganization. Program/degree specific alpha designators are both needed and more appropriate.

*Course Title: Data Recovery & Analysis IST 449 3 credit hours

*Change course title to: Intro to Digital Forensics

*Change in Alpha Designator to: DFIA

*Change in Course number to: 400

*Rationale: Course Title - More appropriate title based on major. Also more appropriate as it is the first DF course students are required to take. It is also the PR for most other DF courses. In addition, this course may be cross-listed at the 500 level for students in the MS Forensic Science program. Alpha Designator - IST is being disbanded as a department. Program/degree specific alpha designators are both needed and more appropriate. Course Number - This course serves as the PR for all other DF courses. This new number better reflects its position in course sequence.

*Course Title: Network Defense IST 454 4 credit hours

*Change Alpha Designator to: DFIA

*Rationale: Alpha Designator change from IST to DFIA change to reflect College of Science reorganization.

*Course Title: Network Penetration & Attack IST 457 4 credit hours

*Change Alpha Designator to: DFIA

*Change Course number to: 357

*Rationale: Alpha designator change from IST to DFIA change to reflect College of Science reorganization. Course number change based on other changes to the DFIA curriculum changes.

*Course Title: Cyber Warfare IST 461 4 credit hours

*Change Alpha Designator to: DFIA

*Rationale: Alpha designator change from IST to DFIA change to reflect College of Science reorganization.

*Course Title: Network Forensics IST 462 4 credit hours

*Change Alpha Designator to: DFIA

*Rationale: Alpha Designator-COS reorganization. Program/degree specific alpha designators are both needed and more appropriate.

*Course Title: Digital Computer Evidence IST 463 4 credit hours

*Change course title to: Digital Evidence

*Change Alpha Designator to: DFIA

*Change course number to: 440

*Course Title: Network Security & Cyber Crime IST 464 3 credit hours

*Change Alpha Designator to: DFIA

*Rationale: Alpha Designator-COS reorganization. Program/degree specific alpha designators are both needed and more appropriate.

*Course Title: Mobile Device Forensics IST 467 4 credit hours

*Change Alpha Designator to: DFIA

*Rationale: Alpha Designator-COS reorganization. Program/degree specific alpha designators are both needed and more appropriate.

*Course Title: Introductory Statistics MTH 225 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors.

Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Applied Statistical Methods MTH 326 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Applied Prob and Statistics MTH 345 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Regression Analysis MTH 412 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Experimental Designs MTH 413 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to

easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Nonparametric Methods MTH 420 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Time Series Forecasting MTH 422 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Sampling Designs & Estimation MTH 425 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Probability and Statistics I MTH 445 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate

course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Probability and Statistics II MTH 446 3 credit hours

*Change Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Statistical Computing MTH 464 3 credit hours

*Change in Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Stochastic Processes MTH 466 3 credit hours

*Change in Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

*Course Title: Applied Survival Analysis MTH 470 3 credit hours

*Change in Alpha Designator to: STA

*Rationale: The department has undergraduate major in statistics, and Area of Emphasis in Mathematical Statistics under the BS Mathematics and BS Applied Mathematics majors. Students pursuing the statistics majors have problems identifying which courses are designated as statistics courses. The change of alpha designator from MTH to STA will enable students to easily identify which of the courses in the program are statistics or probability courses, and become easier for students when registering for classes. The change will also allow appropriate course designators that align with students degree majors to reflect in their transcripts, allowing employers to see the concentration of statistics courses.

FACULTY SENATE CHAIR:

APPROVED BY THE
FACULTY SENATE:

Larry Strickler

DATE: 5/9/2016

DISAPPROVED BY THE
FACULTY SENATE: _____

DATE: _____

UNIVERSITY PRESIDENT:

APPROVED:

James A. Ollitt

DATE: 5-20-16

DISAPPROVED: _____

DATE: _____