REQUEST FOR A COURSE CHANGE
University of Central Oklahoma

Course Subject (Prefix), Number, and Title:

Existing: MSBA 5314 Applied Analytics

Proposed: ____________________________

Proposed Title: ____________________________

Proposed change(s) to this course: Mark all that apply.

Credit Hour Level Title Description X Prerequisite Enrollment Restriction

Other: ____________________________

CIP Code If changing, what is the new code?

For more information regarding CIP codes contact your department chair or visit:
http://www.uco.edu/academic-affairs/ir/program_inventory.asp.

Course description:

As it appears in the current catalog. (required)
This course introduces students to Data Mining skills using SAS technologies. Students are introduced to analytics from an organizational and managerial perspective. It introduces the theory behind many approaches to business decision making and problem solving using data. Students will utilize SAS tools to solve business problems using different approaches.

Existing: ____________________________

As it will appear in the next catalog or indicate no change. (Please use standard American English including full sentences.) Course descriptions only. Do not include prerequisites or enrollment restrictions, these should be added under questions 9-15.

Proposed: ____________________________

iSOM
Department submitting the proposal

Michelle Hepner MHeptner1@uco.edu 2828

Person to contact with questions email address Ext. number

Approved by:

Dr. Michelle Hepner Department Chairperson Date 2020.07.28 13:12:43

College Dean Date 2020.07.28 13:12:43

JCGS Dean (for Graduate Proposals) Date 2020.07.28 13:12:43

Geoff Willis Digitally signed by Geoff Willis Date 2020.09.28 13:52:21

College Curriculum Committee Chair Date 2020.09.28 13:52:21

Academic Affairs Curriculum or Graduate Council Date 2020.09.28 13:52:21

Office of Academic Affairs Date 2020.09.28 13:52:21

Academic Affairs Form July, 2019

Functional Review NLM 8.19.2020
(undergraduate proposals only)
Effective Term (assigned by AA)
1. Does this course have an undergraduate / graduate counterpart?
   ___ Yes  ___ No

2. Is this proposal part of a larger submission package including a program change?
   ___ Yes  ___ No

3. Does this course affect a teacher preparation program? (All courses required for any teacher preparation program must have approval from the Council on Teacher Education (CTE) before approval from AACC or Graduate Council.)
   ___ Yes  ___ No
   If yes, send copy of proposal to the Education Curriculum Committee Chair, Dr. Darla Fent
   CTE Approval (Stamp or initial) ____________________________

4. Is this course currently listed in the University Core?
   ___ Yes  ___ No
   If you wish this course be listed in the University Core, submit University Core course proposal.

5. Is this course a prerequisite for any other course(s)?
   ___ Yes  ___ No
   If this change affects the prerequisite, complete course change proposal to delete or change prerequisite.

6. Is this course a requirement in any major or minor?
   ___ Yes  ___ No
   If this change impacts the requirement of any major or minor, complete program change proposal.

7. Does this course affect majors or minors outside the department?
   ___ Yes  ___ No
   If yes, provide name(s) of department chair(s) contacted, the dates, and the results of the discussion.

8. List all majors or minors which include this changed course as a requirement or elective.
   (list major or minor by title not major code)
   MSBA, Certificate in Enterprise Analytics

9. Prerequisite courses:
   Will the prerequisite courses change?  ___ Yes  ___ No
   If yes, fill out below, if no leave blank.
   NOTE: Adding a "new course" as a prerequisite to an existing course will likely cause enrollment problems.
   As listed at the end of the course description in the current catalog. (Required)

   Existing: STAT 5213
   Proposed: (STAT 5213 or ECON 5453) and MSBA 5113
   Example 1: MATH 1213 and (MATH 2165 or MATH 2185) and CHEM 1213
   Example 2: (ACCT 2113 and 2213) and (MGMT 3013 or 3613)
   Example 3: 8 hours of biology including BIO 1404

10. Co-requisite(s): Prerequisite courses that may be taken in the same semester.
    Will the co-requisite(s) change?  ___ Yes  ___ No
    If yes, fill out below, if no leave blank.
    As listed at the end of the course description in the current catalog. (Required)

    Existing: ____________________________
    Proposed: ____________________________

11. Concurrent enrollment: Courses that must be taken the same semester. Example: lab courses.
    Will the concurrent enrollment change?  ___ Yes  ___ No
    If yes, fill out below, if no leave blank.
    As listed at the end of the course description in the current catalog. (Required)

    Existing: ____________________________
    Proposed: ____________________________
12. Does this course currently have enrollment restrictions? 
   Yes  X  No 
   If adding or changing enrollment restrictions answer questions 13-15. If not changing or add enrollment restrictions leave questions 13-15 blank.

13. Specify which major(s) may or may not take this course.
   Will the major(s) restriction change?  Yes  X  No 
   If yes, fill out below, if no leave blank.
   Specifying a major, excludes all other majors from enrolling.
   Existing (as appears in current catalog)
   Check one: May  ____  May not  ____ 
   Major Code:  
   Proposed (if changing)
   Check one: May  ____  May not  ____ 
   Major Code:  

14. Which of the following student classification(s) may enroll in this course?
   Will the classification restriction change?  Yes  X  No 
   If yes, fill out below, if no leave blank.
   Existing (as appears in current catalog)
   Check all that apply:  
   Graduate  (2) 19 + hours  ____ 
   Graduate  (1) 0-18 hours  ____ 
   Post  ________________
   Baccalaureate  ________________
   Senior  ________________
   Junior  ________________
   Sophomore  ________________
   Freshman  ________________
   Proposed (if changing)
   Check all that apply:  
   Graduate  (2) 19 + hours  ____ 
   Graduate  (1) 0-18 hours  ____ 
   Post  ________________
   Baccalaureate  ________________
   Senior  ________________
   Junior  ________________
   Sophomore  ________________
   Freshman  ________________

15. Specify other restrictions for this course, if any.
   Will other restrictions change?  ____ Yes  X  No 
   If yes, fill out below, if no leave blank.
   Existing (as appears in current catalog)  
   Admission to Graduate Programs  ____ 
   Admission to Nursing Program  ____ 
   Admission to Teacher Education  ____ 
   Other:  ____ 
   Proposed (if changing)  
   Admission to Graduate Programs  ____ 
   Admission to Nursing Program  ____ 
   Admission to Teacher Education  ____ 
   Other:  ____ 

16. Course objectives for this course: (Please refer to instructional objectives documents at: 
https://spaces.uco.edu/display/aaccproposals/UCO+AACC-main+page#UCOAACC-main+page-faq-helpful-hints.) 
   If previously approved objectives will be used without any changes, check here X  
   As they appear in the course syllabus.
   Existing:
   • Prepare data for loading into SAS
   • Load data into SAS
   • Analyze variables using visualization and descriptive techniques
   • Analyze data using three different predictive modeling techniques (Regression [multiple/logistic], neural networks, decision trees)
   • Compare and contrast outcomes of modeling techniques
   • Manage a data mining business project
   • Present analytics concepts to others effectively

   Academic Affairs Form 
   July, 2019

   Functional Review NLM 8.19.2020 
   (undergraduate proposals only)
17. Please provide a concise, yet comprehensive, statement that explains the specific reasons for requesting the change(s). Include any documentation or assessment information available supporting this specific request.
   We are updating numerous prerequisites to enforce a more consistent learning path through the program.

18. Clearly explain how the characteristics of this course meet or exceed those outlined in Course Level Characteristics. Complete this question only if requesting a course level change. (Copy and paste table from "Course Level Characteristics" document for the appropriate course level of proposed course. Document may be found on: https://spaces.uco.edu/display/aaccproposals/UCO+AACC-main+page#UCOAACC-mainpage-faq-helpful-hints.)