

DS 115: MANAGEMENT SCIENCE TECHNIQUES

In Workflow

1. CBA College Committee Chair (anne.fuller@csus.edu)
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Approval Path

1. Fri, 09 Nov 2018 23:49:37 GMT
Marty Wilson (mcwilson): Rollback to Initiator
2. Wed, 04 Sep 2019 17:40:38 GMT
Marty Wilson (mcwilson): Approved for CBA College Committee Chair
3. Wed, 04 Sep 2019 17:41:30 GMT
Marty Wilson (mcwilson): Approved for CBA Dean

Date Submitted: Thu, 14 Mar 2019 03:59:57 GMT

Viewing: DS 115 : Management Science Techniques

Formerly known as: MIS 132

Last edit: Thu, 14 Mar 2019 03:59:56 GMT

Changes proposed by: Min Li (101017159)

Justification for this deactivation request

Change prefix and number

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
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Catalog Title:

Management Science Techniques

Class Schedule Title:

Mgmt Science Techniques

Academic Group: (College)

CBA - Business Administration

Academic Organization: (Department)

Business Administration

Will this course be offered through the College of Continuing Education (CCE)?

No

Catalog Year Effective:

Fall 2019 (2019/2020 Catalog)

Subject Area: (prefix)

DS - Decision Sciences

Catalog Number: (course number)

115

Course ID: (For administrative use only.)

149836

Units:

3

In what term(s) will this course typically be offered?

Fall, Spring

Does this course require a room for its final exam?

Yes, final exam requires a room

Does this course replace an existing experimental course?

No

This course complies with the credit hour policy:

Yes

Justification for course proposal:

This course is a Decision Sciences (DS) course but has been listed under Management Information Systems (MIS). The Information Systems and Business Analytics (ISBA) area has decided to change the prefix and course number from MIS 132 to DS 115 so that it is better aligned with the new proposed Business Analytics concentration.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)

Introduction to management science techniques for the solution and analysis of management problems. Topics include mathematical programming, decision theory, analysis of waiting lines, simulation, and Markov processes.

Are one or more field trips required with this course?

No

Fee Course?

No

Does this course have prerequisites?

Yes

Prerequisite:

MATH 24, STAT 1; must be a business pre-major, business major (any concentration), or business minor, and have at least sophomore standing.

Prerequisites Enforced at Registration?

Yes

Does this course have corequisites?

No

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Lecture

Lecture Classification

CS#02 - Lecture/Discussion (K-factor=1WTU per unit)

Lecture Units

3

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc."

Students will be able to:

- 1) understand what management science is and how it may be used as an aid to decision making,
- 2) formulate mathematical models of real-world decision-making problems,
3. use the computer to assist in the quantitative analysis of business problems.

Attach a list of the required/recommended course readings and activities:

syllabus_DS115.docx

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above.

Exams, homework, quizzes, and cases.

Is this course required in a degree program (major, minor, graduate degree, certificate?)

Yes

Identify the program(s) in which this course is required:

Programs:

BS in Business Administration (Business Analytics)

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Integrative learning
Intellectual and practical skills

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

GE Course and GE Goal(s)

Is this a General Education (GE) course or is it being considered for GE?

No

Reviewer Comments:

Marty Wilson (mcwilson) (Fri, 09 Nov 2018 23:49:37 GMT):Rollback: edit

Key: 3404