

APPLICATION FOR NEW COURSE

1. Submitted by College of Business and Economics Date 1/31/07
Department/Division offering course School of Management
2. Proposed designation and Bulletin description of this course
- a. Prefix and Number MGT 612 b. Title* Structured Problem Solving in Business
*NOTE: If the title is longer than 24 characters (including spaces), write
A sensible title (not exceeding 24 characters) for use on transcripts Business Problem Solving
- c. Lecture/Discussion hours per week 3 d. Laboratory hours per week _____
- e. Studio hours per week _____ f. Credits 3
- g. Course description
An action learning course devoted to developing the project management and business process analysis skills necessary to diagnose and solve real-world business problems.
- h. Prerequisites (if any)
DIS 651; ECO 610; DIS 620
- i. May be repeated to a maximum of _____ (if applicable)
4. To be cross-listed as

Prefix and Number Signature, Chairman, cross-listing department
5. Effective Date Spring 2008 (semester and year)
6. Course to be offered Fall Spring Summer
7. Will the course be offered each year? Yes No
(Explain if not annually)
8. Why is this course needed?
This course will be a new required part of our Evening MBA program. Business Process and Project Management Skills are becoming increasingly important to managers as they operate in increasing cross-disciplinary settings.
9. a. By whom will the course be taught? Members of our Management and Decision Science areas of the School
b. Are facilities for teaching the course now available? Yes No
If not, what plans have been made for providing them?

APPLICATION FOR NEW COURSE

10. What enrollment may be reasonably anticipated? 45

11. Will this course serve students in the Department primarily? Yes No

Will it be of service to a significant number of students outside the Department?
If so, explain. Yes No

This is a required course in the MBA program--a cross-disciplinary program in the Gatton College

Will the course serve as a University Studies Program course? Yes No

If yes, under what Area? _____

12. Check the category most applicable to this course

traditional; offered in corresponding departments elsewhere;

relatively new, now being widely established

not yet to be found in many (or any) other universities

13. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky? Yes No

14. Is this course part of a proposed new program:
If yes, which? Yes No

15. Will adding this course change the degree requirements in one or more programs? *
If yes, explain the change(s) below Yes No

Yes it will be a new required course in our MBA program.

16. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used.

17. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted. Check here if 100-200.

18. If the course is 400G or 500 level, include syllabi or course statement showing differentiation for undergraduate and graduate students in assignments, grading criteria, and grading scales. Check here if 400G-500.

19. Within the Department, who should be contacted for further information about the proposed course?

Name Paul Jarley (pjar2@uky.edu) Phone Extension 7-7692

*NOTE: Approval of this course will constitute approval of the program change unless other program modifications are proposed.

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Signatures of Approval:

[Handwritten Signature]
Department Chair
[Handwritten Signature]
Dean of the College

2/19/07
Date

2/19/07
Date

Date of Notice to the Faculty

*Undergraduate Council

Date

*University Studies

Date

*Graduate Council

Date

*Academic Council for the Medical Center

Date

*Senate Council (Chair)

Date of Notice to University Senate

*If applicable, as provided by the Rules of the University Senate

ACTION OTHER THAN APPROVAL

<p style="text-align: center;">MGT 612 Structured Problem Solving in Business Evening MBA program</p>
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COURSE DESCRIPTION:

Structured problem-solving approaches to business problems such as Six-Sigma and PMBok have been used to dramatically reduce errors and costs, keep projects on schedule, enhance quality and increase customer satisfaction. This course offers students an opportunity to develop competencies with such approaches and apply them to real-world business problems.

More specifically, students will:

- Understand Six Sigma and PMBok metrics, methods and systems.
- Understand DMAIC and PMBok processes and tools at a fundamental level.
- Understand the roles and approaches for Project Management implementation.
- Apply these tools and concepts to real business problems.

Instructional Methods:

The course involves a variety of instructional methods, including lecture and related discussion, workshops, student presentations, simulations, cases, and guest lectures.

Learning Materials:

Required Texts

Thomas Pyzdek. The Six Sigma Project Planner : A Step-by-Step Guide to Leading a Six Sigma Project Through DMAIC ISBN: ISBN-13: 978-0071411837

Project

Students will work in teams on a Six-Sigma project as part of an effort to obtain a green belt in Six Sigma. This project along with its presentation will constitute 50% of the course..

Class Attendance:

Class attendance is compulsory for all sessions, including guest lectures and lab work. A non-attendance without a proper excuse (see: <http://www.uky.edu/StudentAffairs/Code/part2.html>) will result in a zero score for that specific activity. If you have to miss a class, it is your responsibility to turn in any assignment due prior to the class and find out what was covered and assigned.

Course Grading:

Midterm Exam	25%
Final Exam	25%
Six Sigma Presentations	50%

Course Topics:

Week	Topic
1	Overview of the Six Sigma Process
2	Leading Six Sigma Project Teams
3	Project Choice
4	Developing a Project Charter
5	Project Planning
6	Project Control Issues
7	Midterm Exam
8	Process Analysis
9	Metrics
10	More Metrics
11	Optimizing the Process
12	Control Issues
13	Dealing with Resistance to Change
14	Six Sigma Presentations
15	Six Sigma Presentations