

# IFMG 475 Project Management and Implementation -DEAdd-2015-09-14

## Form Information

Page Naming Example: CRIM 101 Intro to Criminology-DEAdd-2015-08-10

Please direct any questions to curriculum-approval@iup.edu

### *\*Indicates a required field*

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**Course Level\*** undergraduate-level

## Distance Education Section

**- Complete this section only if adding Distance Education to a New or Existing Course**

### Course

#### Prefix/Number

IFMG475

#### Course Title

Project Management and Implementation

#### Type of Proposal

**See CBA, Art. 42.D.1 for Definition**

online

### Brief Course

#### Outline

**Give an outline of sufficient detail to communicate the course content to faculty across campus. It is not necessary to include specific readings, calendar or assignments**

**As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or**

**direct faculty instruction, there should be a minimum of two hours of out of class student work.**

The course is designed to provide students with an overview of the project management process followed by an in-depth examination of the activities needed to successfully initiate, plan, schedule, and control the cost, schedule and content factors of the project. The course will:

1. Explain or define terminology associated with project planning and scheduling including: project, project management, project life cycle, typical phases of project planning and execution, work breakdown structure, and scheduling terms.
2. Develop and defend the appropriate plans and documentation needed to initiate a project including project charter, scope, team organization, work authorization system, and change control system.
3. Working from case studies, analyze project requirements and develop a work breakdown structure for the project.
4. Prepare both manual and computerized schedules and resource allocation information for a project.
5. Analyze project time requirements and adjust the schedule to account for scope changes, resource constraints, and project problems.
6. Analyze cost requirements and develop a project budget.
7. Demonstrate awareness of contemporary project management literature.

### Rationale for Proposal (Required Questions from CBA)

**How is/are the instructor(s) qualified**

Dr. James Rodger has taught this course in the class room for over six years. He is a certified Project Management Professional (Credential No. :1227834). Others in the department have also taught this course in class effectively on several occasions. All faculty in the department have been has been teaching online courses for over 10 years

**in the Distance Education delivery**

**method as well as the discipline?**

**For each outcome in the course, describe**

**Course Outcome 1:** Obtain the knowledge of project management and how project management relates to other disciplines.

**how the outcome will be achieved using**

Achievement of Objectives: Knowledge of theory will be imparted through video lectures, narrated slides, book readings, additional reading, and other videos. Students will apply this knowledge through assignments/homework and project which will be assessed.

**Distance Education technologies.**

**Course Outcome 2:** Understand the fundamental project management contexts and processes.

Achievement of Objectives: Knowledge of theory will be imparted through video lectures, narrated slides, book readings, additional reading, and other videos. Students will apply this knowledge through assignments/homework and project which will be assessed.

**Course Outcome 3:** Become acquainted with the proper procedures to address several aspects of project management such as: project integration management, project scope management, project time management, project quality management, project human management, and project risk management.

Achievement of Objectives: Knowledge of theory will be imparted through video lectures, narrated slides, book readings, additional reading, and other videos. Students will apply this knowledge through assignments/homework and project which will be assessed.

**Course Outcome 4:** Design and implement project development using leading Information System methodologies.

**Course Outcome:** Run and maintain the Information System project during its production life time.

Achievement of Objectives: These will be done through a project that student will do for the class. Following are the details of the project:

1. Project assignments/teams will be approved by the instructor using room chat.
2. Each project team will select a project to develop for the course via discussion board.
3. Several of the chapters in the text have an Integrated Project Exercise at the end of the chapter. Reviewing the Integrated Project Exercise should assist the team in completing the project and will be discussed in the chat room.
4. Student may choose any project that you wish to develop after room chat sessions.
5. Each project must consist of the following elements:

- a) Assume this to be a "real world" project.
- b) Determine the stakeholders that would be involved.
- c) Develop a risk assessment of your project.
- d) Develop a budget for your project.
- e) Develop a critical path/critical chain analysis.
- f) Present your critical path/chain analysis in chart form (i.e. Gantt).

Defend your decisions and choices in a written report containing all of the back up information and deliver a video report in the dropbox assignments section of D2

**How will the instructor-student and**

The course will use Blackboard Collaborate, Chats, Video Conferencing, Discussions, and Email to ensure that interaction happen in both synchronous and asynchronous fashion.

**student-student interaction take place?**

(If applicable)

**How will student achievement be evaluated?**

Assignments/homework and projects will be given to reinforce the concepts from theory. Assessment will include exams and quizzes which will be a combination of multiple choice, short answers and essays. Specifically the assessment scheme will comprise of Exams 300 points, Weekly Project (including oral delivery) 400 points, and Homework 200 points  
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**How will academic honesty for tests and assignments be addressed?**

Since this course will simulate "real world" analytical processes, professional plagiarism standards will be enforced. Therefore, if any dishonest practices are discovered, the result will be instant failure for the entire course. This includes new high-tech methods of cheating, such as copying a fellow student's computer file, making cosmetic changes, and then turning it in as your own work. Student work may be run through "Turnitin" to detect cheating and plagiarism. In addition, the instructor will state clearly that plagiarism is permitted unless specifically permitted by the instructor. When collaboration is permitted by the instructor, the assignment must include the names of individual students who collaborated on the task. Collaboration with the assignment must include the names of individual students who collaborated and informally between student works apparent in computer programming assignments and other assignments. Peer review may be used when collaboration is permitted.

The instructor will also check for use of assignments completed in one class as any part of a project assigned in another class. This will be turn using project files retained from previous and other classes, familiarity of the instructor with the assignments, and use of "Turnitin" wherever possible. In some cases whereby a student chooses to expand upon a previous assignment, he/she must obtain permission from the instructor and clearly differentiate what was accomplished in a prior class from that of the current assignment.

Test may be proctored to the extent possible and where the logistics permit such proctoring. IUP does not have a formal proctoring mechanism in place and so at times measures such as having student take face-to-face exams may be resorted to.