

**ROUTE SHEET**  
**PERMANENT COURSE CHANGE/APPROVAL**  
 (Attach course change request form)

Prefix & Number IS 525 Course Title Project Management

Abbreviation for Schedule (20 characters): Project Management

Nature of course request (Mark all that apply)

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Add a course   | <input type="checkbox"/> Prerequisite change         | <input type="checkbox"/> LACC course                |
| <input type="checkbox"/> Delete a course           | <input type="checkbox"/> Number/Prefix change        | <input type="checkbox"/> Undergraduate course       |
| <input type="checkbox"/> Title change              | <input type="checkbox"/> Description change          | <input checked="" type="checkbox"/> Graduate course |
| <input type="checkbox"/> Writing Intensive (WI)    | <input type="checkbox"/> Multicultural Diversity (D) | <input type="checkbox"/> 400/500 course             |
| <input type="checkbox"/> Quantitative Literacy (Q) | <input type="checkbox"/> Honors course (H)           | <input type="checkbox"/> Other: _____               |

- 1) Faculty Sponsor Signature [Signature] Date 2/20/14
- 2) Dept./Program Coordinator [Signature] Date 2/20/14
- 3) Division Chair [Signature] Date \_\_\_\_\_
- Curriculum Chair [Signature] Date 2/20/14

4) Faculty Senate Committees: The Curriculum Committee reviews all course proposals except for honors and graduate courses, which are reviewed instead by the Honors Committee or Graduate Committee. All 400/500 "split" courses must be approved by both the Curriculum and Graduate Committees. All curriculum committee decisions are forwarded to the Senate Executive Committee.

a) Curriculum Committee Chair \_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_ N/A \_\_\_ Approved \_\_\_ NOT Approved

b) Graduate Committee Chair \_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_ N/A \_\_\_ Approved \_\_\_ NOT Approved

c) Honors Committee Chair \_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_ N/A \_\_\_ Approved \_\_\_ NOT Approved

5) Faculty Senate President \_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_ Approved by the Senate Executive Committee  
 \_\_\_ Approved by the Senate \_\_\_ NOT Approved (Return to sponsor)

6) Appropriate Dean \_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_ Approved \_\_\_ NOT Approved (Return to Faculty Senate President)

7) Provost/VPAA \_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_ Approved \_\_\_ NOT Approved (Return to Faculty Senate President)

# REQUEST FORM

## PERMANENT COURSE APPROVAL

Initiated by (print): John Marsaglia Date: 12.10.13

### ADDING A COURSE

Prefix/Number	Descriptive Title	Cr. Hours
IS 525	Project Management	4

#### Catalog Description:

This course will discuss the origins of project management and its importance to improving the success of IT projects. Basic topics including scope, cost, and time management will be covered. Students will work in groups to plan large scale project management. Students will also learn about software tools that aid in project management.

#### Course Goals and Objectives:

- Understand the genesis of project management and its importance to improving the success of information technology projects
- Demonstrate knowledge of project management terms and techniques such as:
  - The triple constraint of project management
  - The project management knowledge areas and process groups
  - The project life cycle
- Tools and techniques of project management such as:
  - Project selection methods
  - Work breakdown structures
  - Network diagrams, critical path analysis, and critical chain scheduling
  - Cost estimates
  - Earned value management
  - Motivation theory and team building
- Apply project management concepts by working on a group project as project manager or active team member
- Use Microsoft Project 2007 and other software to help plan and manage a small project
- Appreciate the importance of good project management
  - Share examples of good and bad project management
  - Use knowledge and skills developed in this class in other settings
- Make use of the following techniques for (abbreviated list):
  - Agile
  - Six Sigma
  - Scrum
  - XP (Extreme Programming)
  - FDD (Feature Driven Development)
  - DSDM (Dynamic Systems Development)
  - Adaptive Software Development
  - RUP (Rational Unified Process)

Justification for adding the course (e.g. alignment with other institutions, program revision, etc.):

This course provides students, without a background in programming, the ability to propose, plan, manage a project and then complete the project in the form of a "white paper". This course differs from the CS 625 course where the project is involved with the actual coding of a project. This course leads towards the Master Project Management Certification or the PMP® Exam

Briefly describe other WOU faculty/programs consulted (attach additional sheet(s) if necessary).

Faculty in the Computer Science Division have been consulted.

#### Faculty and Facilities Needed:

1 Smart Classroom, 1 Instructor

Attach brief course outline

## IS 525: Project Management Winter, 2014

### **DESCRIPTION**

The origins of project management and its importance to improving the success of IT projects. Basic topics including scope, cost and time management will be covered. Students will work in groups to plan large scale project management. Students will also learn about software tools that aid in project management.

**CREDIT**                      4 credits

**INSTRUCTOR**              Dr. John C. Marsaglia  
Office: ITC 306C, Campus phone: 838-8991  
E-mail: jcm@wou.edu, Fax: 838-8332

**OFFICE HOURS**      M,W: 11:00-1:00, and by appointment

**CLASS TIMES**          T, Th 9:30-10:50, 11:00-12:20                      ITC 305

**GRADING**      The grade for this class will consist of written assignments from the textbook, quizzes, a comprehensive final exam, and a programming project. The following grading scale and distribution will be used.

		100% - 92%	A	91% - 90%	A-
89% - 88%	B+	87% - 82%	B	81% - 80%	B-
79% - 78%	C+	77% - 72%	C	71% - 70%	C-
69% - 68%	D+	67% - 62%	D	61% - 60%	D-
		59% - 0%	F		

- Course Objectives:
  1. Understand the genesis of project management and its importance to improving the success of information technology projects
  2. Demonstrate knowledge of project management terms and techniques such as:
    - The triple constraint of project management
    - The project management knowledge areas and process groups
    - The project life cycle
    - Tools and techniques of project management such as:
      - Project selection methods
      - Work breakdown structures
      - Network diagrams, critical path analysis, and critical chain scheduling
      - Cost estimates
      - Earned value management
      - Motivation theory and team building

3. Apply project management concepts by working on a group project as project manager or active team member
4. Use Microsoft Project 2007 and other software to help plan and manage a small project
5. Appreciate the importance of good project management
  - Share examples of good and bad project management
  - Use knowledge and skills developed in this class in other settings
6. Make use of the following techniques for (abbreviated list):
  - Agile
  - Six Sigma
  - Scrum
  - XP (Extreme Programming)
  - FDD (Feature Driven Development)
  - DSDM (Dynamic Systems Development)
  - Adaptive Software Development
  - RUP (Rational Unified Process)

### **Learning Outcomes**

Students will be able to:

- collaborate in a group environment
- manage a group development project
- choose from a variety of management techniques the appropriate methodology for their project
- evaluate group members
- develop a particular project (virtual) from conception to completion

Evaluation:

1.	Individual Presentation	30%
2.	Group Project and Presentation	20%
3.	Exams	30%
4.	Homework Assignments	20%

Participation:

Students are expected to actively participate in class by asking questions and sharing personal experiences. Any student missing more than six hours of class without an approved excuse will receive a grade reduction.

Makeup Exams and Assignments:

Requests for makeup exams and assignment changes must be made in advance with the instructor. Either leave a phone message or send an e-mail message in case of a last minute emergency.

Presentations:

Developing presentation skills is important for everyone, plus it's a good way to share information. Each student will prepare and present one individual presentation and help with the group project presentations. The individual presentations must include at least three outside references, noted in footnotes and a reference page. Hand in a hard copy of your presentation notes, including a bibliography, or include the information in your handouts/visuals, if you plan to use any. We will brainstorm potential topics in class. Presentations will be evaluated based on content, delivery, and audience response.

### Group Projects:

The purpose of the group project (3-5 people per group) is to use a structured approach to project management in a team setting. As a class, we will select projects (or running cases), groups, and group project managers. Each group will hand in a project notebook at the end of the term and prepare a project Web site to facilitate communications throughout the project. 50% of the grade for the group project will be based on the group's progress reports, final presentation, and Web site, and 50% will be based on the project notebook. Group project managers will earn a small amount of extra credit for successfully leading their project teams.

### 10-Week Class Schedule:

DATE	TOPIC	READINGS (in advance)
Week 1	Introduction to Project Management and The Project Management and Information Technology Context	Chapters 1-2
Week 2	The Project Management Process Groups: A Case Study and Project Integration Management	Chapters 3-4
Week 3	Exam 1, Project Scope Management	Chapter 5
Week 4	Project Time Management, Project 2007	Chapter 6, Appendix A
Week 5	Project Cost Management	Chapter 7
Week 6	Project Quality Management, Certifications	Chapter 8, Appendix B
Week 8	Exam 2, Project Human Resource Management and Project Communications Management	Chapters 9-10
Week 9	Project Risk Management and Project Procurement Management	Chapters 11-12
Week 10	Final exam, final project presentations	

### ACADEMIC DISHONESTY

Academic dishonesty refers to cheating: a serious ethical issue. You are encouraged to work cooperatively with other students in the class. However, each student is expected to do his or her own assignments. **Written work that appears to be copies of each other will not be given credit. Helping, or being help by, another student or the appearance of helping, or being helped by, another student during a quiz or an exam will be considered academic dishonesty. This will be grounds for a zero on the quiz or the exam.**

## NOTES

- It is the policy of the Computer Science department that you must receive a passing grade on the final exam (60% or higher) in order to pass the class.
- Late assignments (reviews and written assignments) will be given half credit. This means that the assignment is graded normally, and the result is multiplied by 50%. This is the grade that is recorded.
- A student who is participating in an official college activity—for example, a member of an athletic team or a member of a performing arts organization—may have an exception made to a deadline with a signed, written request from the sponsoring organization before the deadline. For example, a student on an athletic team may turn in a late lab because of a game provided he or she submits a written request, signed by a coach, before the original deadline. It is the student's responsibility to obtain the written request.
- Student work that has not been returned will be kept for one quarter. Unclaimed work from this quarter will be disposed of at the beginning of the subsequent Fall quarter.
- Please save any graded papers until after you receive your grade report. In the event of a grade discrepancy, your copy of a graded paper is your only proof of the grade you received.
- An incomplete grade will be given only in unusual circumstances. You must be passing the class at the time of the request for an incomplete, and there must be a serious event that prevents you from completing the class.
- No student will be given a grade lower than the calculated grade. However, I reserve the right to assign a final grade higher than the calculated grade if I feel it is warranted. This is a matter **only** between the particular student and me.
- Unless there is a very good need, please turn off pagers and cell phones during class time. I find it extraordinarily rude to have my lecture interrupted by someone's cell phone ringing. I do understand, however, that there are situations that require someone to be close to a phone.