UNIVERSITY OF THE FRASER VALLEY

OFFICIAL UNDERGRADUATE COURSE OUTLINE (page 1)

COURSE IMPLEMENTATION DATE:	May 2003
COURSE REVISED IMPLEMENTATION DATE:	January 2012
COURSE TO BE REVIEWED:	November 2017
(six years after UEC approval)	*(month, year)*

OFFICIAL UNDERGRADUATE COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.
Shaded headings are subject to change at the discretion of the department – see course syllabus available from instructor

CIS 385	**Computer Information Systems**	**3**
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS

Project Management
COURSE DESCRIPTIVE TITLE

CALENDAR DESCRIPTION:
This course covers the application of knowledge, skills, tools, and techniques to information systems project development activities in order to meet or exceed stakeholder needs and expectations. The course is designed to complement existing information technology knowledge, skills, and experience with the project management skills required to effectively manage development projects that involve computer hardware, computer software, and telecommunications technology.

PREREQUISITES: One of the following: CIS 270; CIS 291; or CIS 230 plus 60 university-level credits including one of (MATH 104 with a B+, MATH 106 with a B, MATH 270, or MATH 271) and one of (COMP 150, COMP 152, or COMP 155). Students accepted to a CIS or Computing Science minor may register with permission of the department.

COREQUISITES:

PRE or COREQUISITES:

SYNONYMOUS COURSE(S):
(a) Replaces:
(b) Cross-listed with:
(c) Cannot take: for further credit.

SERVICE COURSE TO: *(department/program)*

TOTAL HOURS PER TERM: **45**

STRUCTURE OF HOURS:

Lectures:	**45**	Hrs
Seminar:		Hrs
Laboratory:		Hrs
Field experience:		Hrs
Student directed learning:		Hrs
Other (specify):		Hrs

TRAINING DAY-BASED INSTRUCTION:
Length of course:
Hours per day:

OTHER:
Maximum enrolment: **35**
Expected frequency of course offerings: Once per year
(every semester, annually, every other year, etc.)

WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only)	☐ Yes	☐ No
WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department)	☐ Yes	☒ No
TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:	☐ Yes	☒ No

Course designer(s):	**Paul Kroeker and Duncan Jeffries**		
Department Head:	**Lynn Kirkland Harvey**	Date approved:	**October 14, 2011**
Supporting area consultation (Pre-UEC)		Date of meeting:	**October 7, 2011**
Curriculum Committee chair:	**Norm Taylor**	Date approved:	**October 21, 2011**
Dean/Associate VP:	**Ora Steyn**	Date approved:	**November 4, 2011**
Undergraduate Education Committee (UEC) approval		Date of meeting:	**November 25, 2011**

LEARNING OUTCOMES:

Upon successful completion of this course, students will be able to:

- Assess the growing need for IT project management.
- Describe the role of the project manager.
- Describe the systems view of project management and how it applies to IT projects.
- Discuss the unique attributes and diverse nature of IT projects.
- Describe the recent trends affecting IT project management, including globalization, outsourcing, and virtual teams.
- Explain the strategic planning process and apply different project selection methods.
- Apply the concepts of good project scope, time, cost, quality, and risk management.
- Discuss the process for creating a work breakdown structure.
- Identify the tools and techniques for quality control.
- Explain the importance of good human resource management.
- Use effective communication skills on projects.
- Recognize the importance of managing stakeholder expectations.
- Identify the elements involved in risk management planning and the contents of a risk management plan.
- Assess the importance of project procurement management and the implications of the increasing use of outsourcing for IT projects.
- Use Microsoft Project to help manage IT projects.

METHODS: *(Guest lecturers, presentations, online instruction, field trips, etc.)*

Classes will consist of lecture and open discussions in which all students must participate. Students are encouraged to bring diverse topics that are related to any area of project management to this forum so that a wide range of subject matter may be addressed. Lab experiences with Microsoft Project software will be employed to give students understanding of the most popular project management tool in use in North America. Project management is a discipline that involves working closely and effectively with other individuals. For this reason some assignment work will involve working within groups of individuals. Assignments may require an oral presentation.

METHODS OF OBTAINING PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

☐ Examination(s) ☐ Portfolio assessment ☐ Interview(s)

☒ Other (specify): Course challenge with departmental approval

☐ PLAR cannot be awarded for this course for the following reason(s):

TEXTBOOKS, REFERENCES, MATERIALS: *[Textbook selection varies by instructor. Examples for this course might be:]*

Information Technology Project Management 6e, 2009, Kathy Schwalbe, Course Technology.
Additional Resources:
A Guide to the Project Management Body of Knowledge (PMBOK Guide) 2008 Edition CD-ROM
Various web locations (including several that address the problems of students working in groups)

SUPPLIES / MATERIALS:

STUDENT EVALUATION: *[An example of student evaluation for this course might be:]*

Assignment 1	10%
Assignment 2	10%
Assignment 3	25%
Mid-term exam	20%
Final exam	35%

COURSE CONTENT: *[Course content varies by instructor. An example of course content might be:]*

1) Introduction to Project Management Framework
2) The Project Management Context and Processes
3) Project Integration Management
4) Core Knowledge Areas of Project Management
    a) Scope Management
    b) Time Management
    c) Cost Management
    d) Quality Management
5) Facilitating Knowledge Areas of Project Management
    a) Human Resource Management
    b) Communications Management
    c) Risk Management
    d) Procurement Management
6) Project Management Process
    a) Initiating
    b) Planning
    c) Executing
    d) Controlling
    e) Closing
7) Using Microsoft Project (this will be introduced early and build throughout the course)