UNIVERSITY OF THE FRASER VALLEY

**OFFICIAL UNDERGRADUATE COURSE OUTLINE (page 1)**

COURSE IMPLEMENTATION DATE: September 2000
COURSE REVISED IMPLEMENTATION DATE: September 2010
COURSE TO BE REVIEWED: January 2014
*(four years after UPAC 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 495** | **Computer Information Systems** | **3** |
|---|---|---|
| COURSE NAME/NUMBER | FACULTY/DEPARTMENT | UFV CREDITS |

**Advanced Topics in Computer Systems**
COURSE DESCRIPTIVE TITLE

**CALENDAR DESCRIPTION:**
This advanced topics course is designed to provide study of the latest up-to-date technologies and issues in computer systems. Topics may be drawn from new technologies and issues in areas such as operating systems, databases, hardware, data communications, computer security, multimedia, computer ethics and management, and others. Topics will vary depending on semester and instructor. Students should consult the department for current offerings.

PREREQUISITES: Acceptance to CIS degree program. (Students accepted to a CIS or Computing Science minor may register with permission of the department.) Other prerequisites determined by instructor and topic.
***As of September 2011, prerequisites will change to the following:***
Acceptance to CIS degree program and 9 upper-level CIS or COMP credits. (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 Franklin**

| | | | |
|---|---|---|---|
| Department Head: | **Ora Steyn** | Date approved: | **October 16, 2009** |
| Supporting area consultation (Pre-UPAC) | | Date of meeting: | **November 6, 2009** |
| Curriculum Committee chair: | **Edward Lo** | Date approved: | **October 8, 2009** |
| Dean/Associate VP: | **Dan Ryan** | Date approved: | **January 18, 2010** |
| Undergraduate Program Advisory Committee (UPAC) approval | | Date of meeting: | **January 29, 2010** |

**LEARNING OUTCOMES:**

Upon successful completion of this course, students will be able to:
Learn in-depth details of the latest information system technologies in the area of computer systems. Topics may be drawn from new technologies and issues in areas such as operating systems, databases, hardware, data communications, computer security, multimedia, computer ethics and management, and others. Topics will depend on instructor and semester. Students should consult with the department for details of current and planned offerings.

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

Lecture, hands-on experience where applicable.

**METHODS OF OBTAINING PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):**

☒ Examination(s) ☒ Portfolio assessment ☒ Interview(s)

☐ Other (specify):

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

**TEXTBOOKS, REFERENCES, MATERIALS:**

*[Textbook selection varies by instructor. An example of texts for this course might be:]*

Determined by instructor and topic

**SUPPLIES / MATERIALS:**

Determined by instructor and topic

**STUDENT EVALUATION:**

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

| | |
|---|---|
| Assignments | 30% |
| Midterm exam | 35% |
| Final exam | 35% |

**COURSE CONTENT:**

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

Determined by instructor and topic