OFFICIAL UNDERGRADUATE COURSE OUTLINE (page 1)

COURSE IMPLEMENTATION DATE:	September 2002
COURSE REVISED IMPLEMENTATION DATE:	September 2010
COURSE TO BE REVIEWED: *(four years after UPAC approval)*	April 2014 *(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 245	COMPUTER INFORMATION SYSTEMS	4
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS

Intermediate Web Programming

COURSE DESCRIPTIVE TITLE

CALENDAR DESCRIPTION:

The objective of this course is to teach students how to program dynamic websites. Students will learn how to include programming into a working website on the world wide web using current web programming languages.

PREREQUISITES: CIS 145 and one of COMP 150 or COMP 152 or CIS 180
COREQUISITES: None
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: **60**

STRUCTURE OF HOURS:

Lectures:	**45**	Hrs
Seminar:		Hrs
Laboratory:	**15**	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 a 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):	**Stephan Bohm**		
Department Head:	**Ora Steyn**	Date approved:	**January 30, 2009**
Supporting area consultation (Pre-UPAC)		Date of meeting:	**February 19, 2010**
Curriculum Committee chair:	**Edward Lo**	Date approved:	**November 4, 2008**
Dean/Associate VP:	**Dan Ryan**	Date approved:	**March 18, 2010**
Undergraduate Program Advisory Committee (UPAC) approval		Date of meeting:	**April 23, 2010**

LEARNING OUTCOMES:

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

- Describe basic principles of web programming
- Decide whether given programming tasks are better handled by client or server
- Write well-documented and efficient code for web applications
- Select and use a programming language as a tool to solve web programming tasks
- Debug program code on a working web site

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

Lectures with hands-on labs.

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:]

Dietel Nieto, Prentice Hall, *Internet & World Wide Web - How to Program*, 2nd ed.
Various websites for reference material and on-line instructional material.

SUPPLIES / MATERIALS:

None

STUDENT EVALUATION:

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

Assignments	20%
Midterm exam	30%
Web page project	20%
Final exam	30%

COURSE CONTENT:

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

- Overview of Internet and World Wide Web programming
- Control structures
- Functions
- Arrays
- Objects
- Dynamic programming