COURSE OUTLINE

2016/2017

COURSE NAME: Enterprise Resource Planning Web Development

COURSE CODE: BAIS3270

COURSE DESCRIPTION

ERP systems use web based applications to make the system available to a wide range of users. In this course students will discuss the navigation principles and architecture for web-based ERP systems. Using a variety of tools from SAP and Oracle (PeopleSoft) the student will develop applications and web-based ERP interfaces to facilitate transactional and enterprise data input and generate reports.

Course Credits: 3.00

LEARNING OUTCOMES

OUTCOME	Upon successful completion of this course, you will be able to
1	discuss navigation principles and architecture for web-based access to ERP systems. The following concepts, skills, and issues are used to support this Outcome: • Understand Web design • Understanding standards • The role of portals • Understanding portal strategies • Designing portal layouts
2	design and implement an ERP web-based interface for business data input. The following concepts, skills, and issues are used to support this Outcome: • Create portal content • Understand PeopleSoft architecture • PeopleSoft Web Design Protocols
3	design and generate reports for end-users using a web-based ERP interface. The following concepts, skills, and issues are used to support this Outcome: • Understand Web design standards • Analyze needs of users • Web-based reporting standards

STUDENT EVALUATION

OUTCOME	ACTIVITY DESCRIPTION	MARK DISTRIBUTION
1, 2 and 3	Labs for SAP portals and Visual Composers	30%
1, 2 and 3	Labs for PeopleSoft	30%
1, 2 and 3	Assessments for PeopleSoft	40%
	TOTAL	**100%**

COMPLETION REQUIREMENTS

The passing grade for this course is D (50%). For a student to receive D (50%) or greater they must earn D (50%) or more on the assignments and earn D(50%) or more on the exams for Outcomes 1, 2, and 3 combined. For the situation (s) where a student does not achieve at least D (50%) for each of the above the lowest grade achieved will be assigned as the final grade for the course.
In addition, students must achieve at least 40% on each assignment. If an incident of less than 40% occurs a letter grade of "F" will be assigned as the course grade.

REQUIRED LEARNING RESOURCES

Notes handed out in class (via Moodle)

STUDENT EQUIPMENT AND SUPPLIES

None

DELIVERY METHOD

This course will be taught using a variety of delivery methods which may include face-to-face, online, or blended teaching platforms. Activities such as collaborative exercises/assignments, seminars, labs, discussion, audio/visual presentations, case studies, and practicums may be used to support learning.

STUDENT RESPONSIBILITY

Enrolment at NAIT assumes that the student will become a responsible citizen of the Institute. As such, each student will display a positive work ethic, assist in the preservation of Institute property, and assume responsibility for his/her education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

EQUITY STATEMENT

NAIT is committed to providing an environment of equality and respect for all people within the learning community, and to educating faculty, staff, and students in developing inclusive teaching and learning contexts that are welcoming to all.

Leadership Review Date: October 28, 2015

Curriculum Committee Review Date: February 18, 2013

Changes to This Course Outline: Every effort has been made to ensure that information in this course outline is accurate at the time of publication. The Institute reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.