University of New Orleans

ScholarWorks@UNO

Fall 2015

MANG 4730

Kenneth R. Walsh
University of New Orleans

Follow this and additional works at: https://scholarworks.uno.edu/syllabi

This is an older syllabus and should not be used as a substitute for the syllabus for a current semester course.

MANG 4730

Business Information Systems Analysis and Design

Section 495

Syllabus

Fall, 2015

Class

Class meeting time: 6:00pm-8:45 T (class meets approximately alternating weeks)
Classroom: KH 227

Instructor

Name: Kenneth R. Walsh, Ph.D., Associate Professor, Department of Management and Marketing

eMail: kwalsh@uno.edu

Phone: (504) 280-6973 (o), (voice mail on cell is better than office, email preferred if possible)

Office: 353 Kirschman Hall

Office Hours: TTh, 1p-2p; Th, 3:15-4:15, 5p-6p; W, 11a-1p, also email, walk in or by appointment.

Introduction

MANG 4730 Business Information Systems Analysis and Design teaches the techniques for analyzing business systems so they can be improved by information systems. This involves understanding the goals and detailed requirements of a system as well as modeling those requirements so that developers can develop a system that meets requirements.

Student Learning Outcomes

Specifically, the class will focus on the following learning outcomes.

- Student will learn the steps in the traditional software development process.
- Students will learn the step in the Scrum software development process.
- Students will compare the costs and benefits of the traditional software development process to the scrum process.

- Student will learn and practice the use of process and data modelling tools used within both the traditional and Scrum software development processes.
- Students will learn how the Capability Maturity Model is used to measure an organizations maturity in its software development processes.

Attendance Policy

Attendance is required. With class meetings held in a face to face format every other week, these meeting are important to attend to be prepared for subsequent assignments.

Readings

Handouts and web references will be distributed in Moodle. No outside textbook is required.

Homework

Homework assignments are given regularly. Late assignments are graded one grade down if completed within 1 week of the due date. After 1 week late, homework assignments receive no credit.

Important Dates

All lectures are Tuesday from 6:00 – 8:45pm. However the class does not meet every Tuesday so mark the following dates on your calendar. The following table summarizes lecture and homework due dates.

Date	Topic
8/25 Lecture	The Business Environment and Methods of Systems Development
9/1 Lecture	Requirements Gathering and Agile Scrum
9/10 HW1	Homework 1 Due (midnight)
9/15 Lecture	Process Modeling
9/24 HW2	Homework 2 Due (midnight)
9/29 Lecture	Conceptual Data Modeling Physical Database Design
10/8	Homework 3 Due (midnight)
10/13 Exam	Exam 1
10/27 Lecture	Systems Implementation and Support
11/5	Homework 4 Due (midnight)
11/10 Lecture	Reverse Engineering Amazon.com

11/19	Homework 5 Due (midnight)
11/24 Lecture	Capability Maturity Model and Project Management Software
12/8, 5:30-7:30 Final Exam	Final Exam (note this time differs from final exam schedule which list the time as 8-10pm. If there is a conflict, it could be change to the originally schedule time of 8-10pm.

Grading

Exams (midterm and final): 30% each

Quizzes: 15%

Homework: 25%

Academic integrity

Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at http://www.studentaffairs.uno.edu

Accessibility

It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities are encouraged to contact their instructors and/or the Office of Disability Services to discuss their individual needs for accommodations. (University Accessibility Policy from the Office of Disability Services, see the ODS website for more information, http://ods.uno.edu/.)

About the Instructor

Dr. Walsh is currently working on a case study, and soon to be released book, Trop Networking. Trop Networking explains how to orchestrate a portfolio of social networking technologies to drive business. This accessible text uses an in depth real world case study on Eric Stone, the prolific musician and sailor, and his wife Kim Hess Stone, yoga teacher and author, who use social networking and crowdfunding to bring their dream of a tropical music and food venue to life at Dockside Tropical Cafe, Marathon Key, Florida. The technical detail in social networking technologies and fascinating example make the book accessible to a wide range of professional audiences and even a few sailors.

Get updates on the book signing up on the book home page: http://tropnetworking.com/

Dr. Walsh is an Associate Professor in the Information Systems Group of the Management Department, College of Business, at University of New Orleans. He is published widely in the scientific community with articles in the Communications of the ACM, Information and Management, Journal of Computer Information Systems, and many others. With co-author Sathiadev Mahesh, he has wrriten the text book, Run with Office, on using the Microsoft Office Suite. The 2013 version is under development. Dr. Walsh has conducted consulting or research engagements with many organizations including the National Science Foundation, US Navy, City of New Orleans, New Orleans RTA,and the Louisiana Partnership for Innovation, among others. Before devoting is life to research, he was a Senior Systems Analyst for Exxon leading project to develop database systems for oil and gas production. In his free time he sails.