New Jersey Institute of Technology

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Informatics Syllabi

NJIT Syllabi

Spring 2020

IS 373-002: Content Management Systems

Keith Williams

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Course Number: IS373
Course Title: Content Management Systems
Section: 002
Semester: Spring 2020
Date & Time: W: 11:30 AM - 02:20 PM
Location: PC Mall 40
Credits: 3
Contact Hours: 3 Hours Face-to-Face

Instructor Information:
Name: Keith Williams
Office: 5114 GITC
Phone Number: 551-580-3989
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Contact through Slack

Office Hours:
Slack and by Appointment Other TImes
Tuesday: 11:30AM – 12:30 PM
Wednesday: 2:30 AM – 3:30 PM
Friday: 11:30AM – 12:30 PM

Course Materials

Barker, Deane. *Web Content Management*. OReilly Media, 2016. ISBN: 978-1491908129

Catalog Description

This course provides a critical, hands-on introduction to the design, implementation, and management of multi-user web based content management systems(WCMS). This course examines the use of WCMS within the context of businesses, non-profit organizations, news, and social media websites. Students gain hands on experience with a modern CMS and learn to apply the systems development life cycle to the creation of company intranets, corporate websites, social media, and news websites. Students are introduced to the concepts of top-down and bottom up design, security, performance, web analytics, content strategy, and end-user support.

Prerequisites: None

Learning Outcomes

1. Students will be able to create a website using a content management system.
2. Students will be able to describe what a content management system is
3. Students will be able to use Wordpress to make a website.
4. Students will be able to make a Wordpress Plugin

Grading Category Weights
3 Mini-Projects: 45%
1 Mid-Term Project 15%
1 Final Project 15%
Homework 25%

Grading Scale
A: 90 - 100
B+: 88-89
B: 80 - 87
C+: 78-79

C: 70 - 77
D: 60 - 69
F: 0 - 59

Incompletes are only given for extenuating and documented medical, or personal issues.

Project Rubric

You are expected to complete milestones for your project. Each project is expected to have a project template and a mockup of the ui and/or flow chart for the application.

3 – Above Average Performance – Thoughtful Visual Design and/or Technically Advanced
2 – Average Performance – Demonstrates all major project requirements

1 – Below Average Performance – Submitted with obvious technical and/or visual deficiencies

Homework Rubric
1 - Completed on time
0 - Not Completed on Time

Late Project and Homework Policy
All projects and homework must be turned in on time, or you will lose one point for each week that project or homework is late. **Note: A homework that is 1 week late loses all points.**

Attendance
Attendance will be taken for each class meeting. You are permitted one unexcused absence for the class; however, each subsequent absence will result in a 3 percent reduction in your final grade. Attendance is worth 10% of your final grade.

Academic Integrity Policy
My expectation is that each person will complete original work for this course and will not copy
from fellow students or tutorials online. It is OK to refer to tutorials online; however, you will
be considered in violation of the NJIT honor code by submitting work found online. Any
violations of the honor code will be referred to the Dean of Students for investigation and
possible disciplinary action.
For more information about the NJIT honor code, you should refer to this document:

http://www.njit.edu/academics/pdf/academic-integrity-code.pdf

Calendar

Week Start	Content	Assignment	Assignment Assigned	Due Date
Monday, January 20, 2020	Introduction to Course Tools (Docker, Git, and IDE)	Install the IDE, Create a project, and post it to GitHub	Monday, January 20, 2020	Sunday, February 2, 2020
Monday, January 27, 2020	Module 1	Homework 1	Monday, January 27, 2020	Monday, February 3, 2020
Monday, February 3, 2020	Module2	Homework 2	Monday, February 3, 2020	Monday, February 10, 2020
Monday, February 10, 2020	Work Week	Individual project 1	Monday, February 10, 2020	Sunday, February 23, 2020
Monday, February 17, 2020	Module 3	Homework 3	Monday, February 17, 2020	Monday, February 24, 2020
Monday, February 24, 2020	Work Week	Group Mid-Term	Monday, February 24, 2020	Monday, March 9, 2020
Monday, March 2, 2020	Module 4	Individual Project 2	Monday, February 24, 2020	Sunday, March 8, 2020
Monday, March 9, 2020	Mid-Term Project	Work Week	Work Week	Work Week
Monday, March 16, 2020	Spring Break	Spring Break	Spring Break	Spring Break

Monday, March 23, 2020	Module 5	Homework 5	Monday, March 9, 2020	Monday, March 16, 2020
Monday, March 30, 2020	Module 6	Homework 6	Monday, March 16, 2020	Monday, March 23, 2020
Monday, April 6, 2020	Module 7	Group Final Project	Monday, March 23, 2020	Last Day of Class
Monday, April 13, 2020	Module 8	Individual Final Project	Last Day of Class	Thursday, May 14, 2020
Monday, April 20, 2020	Work Week	Work Week	Work Week	Work Week
Monday, April 27, 2020	Work Week	Individual Project 4	Monday, April 27, 2020	Sunday, May 10, 2020
Tuesday, May 5, 2020	Last Day of Classes			
Wednesday, May 6, 2020	Reading Day 1			
Thursday, May 7, 2020	Reading Day 2			
Friday, May 8, 2020	Final Exams Begin			
Thursday, May 14, 2020	Final Exams End			
Saturday, May 16, 2020	Final Grades Due			

Tentative Schedule Dates May Change Please Refer to Canvas