

Johnson County Community College  
Computer Science and Information Technology Division  
**CIM 270 Interactive Media Project (RC 323)**  
Spring 2013 Course Syllabus  
Monday 6:00-8:45 pm

**Instructor Information:** Patrick Lafferty, Asst. Professor and Lead Faculty Member  
Office: RC 348-C (Regnier Center)  
Web: <http://prof.lafferty.me>  
Email: [lafferty@jccc.edu](mailto:lafferty@jccc.edu); [proflafferty@gmail.com](mailto:proflafferty@gmail.com)  
Twitter: [@proflafferty](https://twitter.com/proflafferty) | AIM: proflafferty | Gtalk: proflafferty  
Office phone: 913.469.8500 x4532  
Office hours as posted; Open lab hours as posted



**Course Information:** Credit hours: 4      Lecture: 3      Open Lab: 2

**Pre- or Co-requisites:** CIM 200 Interactive Communication Forms  
CIM 230 Interactive Media Development  
CIM 250 Interface Design

**Suggested textbooks:** CIM 230 and CIM 250 texts

**Supplies:** removable storage (preferably a flash drive)

**Other requirements:** [Twitter.com](https://twitter.com) account; [Google.com](https://www.google.com) account

**Course Description:** This project-oriented course requires students to actively participate in a group interactive media project. Each student will: analyze the problem; write a project proposal; design, produce and gather assets for the project; prototype and create a complete project; and test and evaluate the final project.

**Course Objectives:**

Upon successful completion of this course, the student should be able to:

1. Distinguish among different types of interactive media solutions
2. Work as a team member
3. Integrate media with content
4. Identify copyright and legal issues
5. Build a working prototype
6. Develop a project production schedule
7. Implement production for media and programming
8. Produce the documentation for a project
9. Appropriately test a project prior to distribution
10. Produce a fully functional interactive media project
11. Recognize and demonstrate productive attitudes and work habits in the classroom/lab

**Content Outline:**

- I. Interactive Media Solutions
  - Distinguish between the following different types of projects:
    - Communications
    - Electronic publishing
    - Interactive learning
    - Visualization
    - Information management
    - Interactive entertainment
  - Choose the most appropriate solution for a given problem.
  
- II. Conceptualizing and Planning
  - Identify and define the audience and the client
  - Contribute to the project team in at least one of the following specializations:
    - Content expert
    - Writer, editor, researcher
    - Graphics professional
    - Audio and/or video professional
    - Information designer
    - Interface designer
    - Programmer
  - Utilize existing content and/or develop content for a project
  - Identify copyright issues and other legal issues
  - Write a design and development document
  - Produce a flowchart for the project
  - Plan media integration
  
- III. Design and Prototype
  - Brainstorming the project concept
  - Employ information design
  - Employ interface design
  - Create storyboards
  - Create prototypes
  - Utilize programming
  - Employ user testing
  
- IV. Production
  - Develop a production schedule
  - Assign production personnel:
    - Writers/editors
    - Graphic professionals
    - Audio/music professionals
    - Animation professionals
    - Video professionals
  - Identify production resources:
    - Equipment
    - File formats
    - Naming conventions

- Produce the necessary media:
    - Text
    - Graphics
    - Images
    - Sound
    - Animation
    - Video
  - Employ programming production
  - Employ production integration
  - Write production documentation
- V. Testing the Final Interactive Media Project
- Employ alpha testing
  - Employ beta testing
  - Employ Functional testing:
    - Unit testing
    - Integration testing
    - Media testing
    - Stress testing
    - Configuration testing
    - Environmental testing
- VI. Distribution and Maintenance
- Determine appropriate distribution methods
  - Identify future maintenance issues or concerns
- VII. Attitudes and Work Habits
- Identify and develop positive attitudes toward tasks and fellow employees appropriate for the workplace, including giving and accepting criticism and praise.
  - Identify and develop productive work habits, including attending to detail, completing tasks, maintaining the work setting and recording data.
  - Identify and develop collaborative/teamwork skills, including solving problems in groups, building consensus and responding to supervision.

**Methods of Evaluation:**

Evaluation of student mastery of course competencies will be accomplished using the following methods:

**Grade Distribution:**

Class participation	25%
Project	<u>75%</u>
Total:	100%

**Grading Scale:**

A = 90 - 100
B = 80 - 89
C = 70 - 79
D = 60 - 69
F = below 60

**On Grades:**

While I hope you earn a good grade in this course, recognize that learning alone will not earn you high marks. Some of my most inquisitive and bright students have failed this class because they did not do the work required.

**DO NOT LET THIS HAPPEN TO YOU!**

**Late Projects and Papers:** Late projects and papers will receive a lowered grade. The grade will be lowered one full letter grade for each day, not class period, the work is late.

**On participation:** Attendance is important. Just as important, though, is a constructive attitude and productive work habits, both as individuals and in collaborative group efforts. They affect the tenor of the classroom and will be a factor in determining grades.

As a registered student you are automatically given a student email account. As a student in this course, you are additionally required to setup and maintain an account on twitter.com. All communications outside of class will be communicated via the class email and through twitter. You are required to check your student email account and twitter at least once per day as part of your class participation grade.

As a registered student, you are also automatically given a student server account. For technical access information go to <http://students.jccc.net>

Students will need to spend additional time in computer labs in order to complete projects.

**No Lectures or Demonstrations will be repeated.  
Students are responsible for information missed due to absence.**

### **On Language**

I do not tolerate [pejorative](#) language of any kind in my classroom. This includes, but is not limited to, disparaging language regarding creed, color and sexual orientation. Use of such language will result in **severe damage to your grade**. If you are not sure if you are being derogatory, err on the side of caution. This applies to both digital and physical environments.

### **ADA compliance statement**

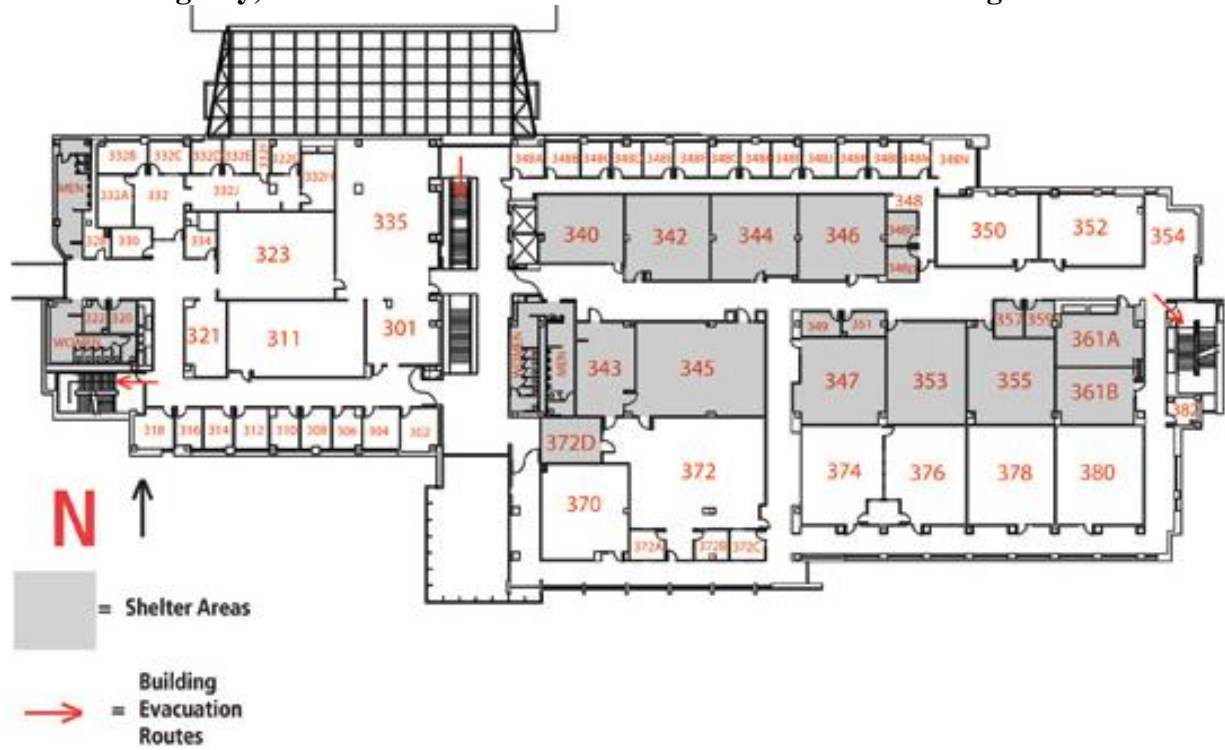
If you are a student with a disability and you will be requesting accommodations, it is your responsibility to contact Access Services. Access Services will recommend any appropriate accommodations to Professor Lafferty and his Assistant Dean. Professor Lafferty and his Assistant Dean will identify for you which accommodations will be arranged.

JCCC provides many services to allow persons with disabilities to participate in educational programs and activities. Appropriate documentation of disability will be required to obtain support services. If you need support services, contact the Access Services in 202 Student Center or call (913) 469-8500 ext. 3974 or (914) 469-3885 TDD.

### **Academic Dishonesty Statement**

No student shall engage in behavior that, in the judgment of Professor Lafferty, may be construed as cheating. This may include, but is not limited to, plagiarism or other forms of academic dishonesty such as the acquisition without permission of tests or other academic materials and/or distribution of these materials. This includes students who aid and abet, as well as those who attempt such behavior.

In the event of an emergency, move to a secure location on the third floor of the Regnier Center -



**Interactive Media Concepts  
 Tentative Class Schedule:**

<u>Date</u>	<u>Subject/Project</u>
M 1/14	Overview of course - planning session Discussion of Project and Client Discussion of team roles and assignments
M 1/21	No Class - Martin Luther King, Jr. Day
M 1/28	Client Meeting

**February 15 - Note:** Deadline for submitting an Application for Degree/Certificate of Completion (to graduate!) is February 15 for spring graduation, June 15 for summer graduation and October 15 for fall graduation

M 2/4	Written proposal to client
M 2/11	
M 2/18	
M 2/25	
M 3/4	
M 3/11	

M 3/18 *Spring Break (March 18-24)*

M 3/25

M 4/1

M 4/8

M 4/15

M 4/22

M 4/29

M 5/6 **Final Exam** session

**Final Exam Week is Thursday, May 9 – Wednesday, May 15**

### Statement of Understanding

By my signature below, I state that I have read and understand this syllabus and agree to abide by the terms laid out therein.

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Course: \_\_\_\_\_

Date: \_\_\_\_\_

**Print, sign and return this page to Professor Lafferty by Wednesday, January 28, 2013.**