

Bergen Community College  
 Division of Business, Social Sciences & Public Service  
 Information Technology Department  
 Course Syllabus

<b>Course Title:</b>
INF-230 – Advanced Multimedia
<b>Credits/Hours:</b>
3 credits/2 hours lecture, 2 hours lab
<b>Prerequisite:</b>
INF-140 – Introduction to Multimedia, or equivalent experience
<b>Recommended Prerequisite or Corequisite:</b>
INF-150 Business Programming Logic
<b>Course Description:</b>
This project-based course investigates selected areas of digital multimedia in depth. Students will work singly and in groups on hands-on projects that include subsets of the following: text as a visual design element, 2-D bitmap and vector graphics, 3-D modeling and animation, audio production, and video production. Open-source and commercial software tools will be used. Emphasis will be on mastery of underlying technologies, processes, techniques and standards to achieve efficiency and optimization. Some projects may also involve the use of scripting.
<b>Textbooks and Supplies:</b>
See course outline

Student Learning Objectives	Assessment Measures
1. Design, develop and deliver complete multimedia projects in at least 3 of the 5 major topic areas covered in this course.	Lab activities
2. Identify and execute processes resulting in efficient, well-optimized productions.	Written exam Lab activities
3. Demonstrate mastery of a significant portion of the feature set of at least one high-end multimedia software product.	Written exam Lab activities

<b>College Competencies:</b>	<b>1. Student Learning Objective:</b>
COMMUNICATION—Students will read, write, speak, and listen effectively.	1, 2
CRITICAL THINKING—Students will actively reflect on, reason about, and form independent judgments on a variety of ideas and information, and use these skills to guide their beliefs and actions.	1 - 3
QUANTITATIVE REASONING—Students will correctly apply and reason about mathematical and formal concepts and operations, and will correctly interpret and analyze numerical data.	2
TECHNOLOGICAL AND INFORMATION LITERACY—Students will demonstrate computer literacy, and will be able to retrieve, organize, and analyze information using both technological and traditional means.	1 - 3
INTERPERSONAL SKILLS—Students will demonstrate an ability to maintain personal and professional relationships, engage in meaningful teamwork, and resolve conflicts.	1
APPLIED KNOWLEDGE—Students will demonstrate an understanding of, and apply, bodies of knowledge within and across disciplines.	1
CREATIVITY AND AESTHETIC APPRECIATION—Students will demonstrate an understanding and appreciation of the creative process, and an ability to think and express ideas creatively.	1

<b>Course Content:</b>	
See course outline (available from instructor)	
<b>Assessment:</b>	
An average of 60% from combined assessment measures is required to demonstrate <b>minimal</b> proficiency in course material.	
90% or above	A
85%	B+
80%	B
75%	C+
70%	C
60%	D
Less than 60%	F
<b>Tests/Quizzes/Projects/Class work:</b>	
Written Exams	50%
Hands-on Projects	30%
Class work	20%
Quizzes	+5% (extra credit)
There will be two exams given during the course. Each exam will be drawn from the new material presented in class. Students must complete at least three hands-on multimedia projects in 3 of the 5 major topic areas in this course (text, 2-D graphics, 3-D graphics, audio, video). There will be several short quizzes in conjunction with each topic. In borderline cases that arise in almost every class each semester, a student's class participation, attitude, and observed effort will be considered in helping to determine the student's final grade.	

Students **are required** to take examinations on the day and time they are scheduled. If special circumstances require a test schedule adjustment, this must be **worked out in advance** with the instructor. If a student misses an exam (except for prearranged circumstances with the instructor) a zero grade will be assigned.

The instructor can be reached by **telephone** (see course outline for appropriate phone number), **e-mail, or written note** left in the Divisional Office (during the day) A-306C or the Evening Office L-113. If there are extreme circumstances (documentation may be required) that prevent a student from taking a test according to the published schedule, use one of the above options to contact the instructor **before** the next class. An arrangement for a special testing schedule is solely at the **discretion of the instructor**. A student who waits for the next class session to speak with the instructor will not be accommodated with a special test schedule.

It is the student's responsibility to finish an examination correctly and completely. In the case of online exams and quizzes, students **MUST** complete the tests in the windows of time provided by the instructor. If a computer locks up during an exam, contact the instructor as soon as possible to see if an accommodation can be made.

#### **Laboratory Work:**

This course requires significant hands-on work; students are expected to spend approximately 2-4 hours per week outside of class, working on hands-on assignments. Only by applying concepts and skills introduced in class can the desired education and training be actualized. Students may choose to work at home and access the Internet; yet, this is not required. Course related software and Internet access are provided via the computers in the free-time laboratory.

The hands-on projects are required for grading. They must be submitted by due dates provided by the instructor. Certain lab assignments will be given and completed during one lab session. In this case, the student must submit the assignment before exiting the lab.

#### **Homework:**

In addition to any homework assignment given during class, it is a **standing assignment** that the student read each chapter of the book prior to its discussion. Following the class discussion, the student should reread the material and work with the exercises throughout the text. It is anticipated that students will spend 2-4 hours per week reading the text and working with the exercises and supplemental resources.

#### **Policies:**

- Lateness – The roll will be taken at the beginning of class. If the student is not in attendance at that time, he/she will be carried in the roll book as being absent unless the instructor is notified immediately after class. Attendance sheets cannot be adjusted at following class meetings.
- The student must adhere to all college policies. Due to the nature of this course, it is recommended that the student review the policy titled "*Acceptable Information Technology Use at Bergen Community College*".
- The use of portable electronic devices such as pagers and cell phones is not permitted while class is in session. Please be sure to silence electronic devices before entering class.
- The use of audio CD or tape players, radios, and college computers to play music during class is prohibited.
- Students are expected to demonstrate listening, reading, note taking, and writing skills. The student will need to take notes during class discussions and understand and follow verbal and written directions. All assignments and correspondence with the instructor (including e-mail) must be well written in full sentence format. Proper paragraph format must be used for all postings to the student bulletin board (if applicable).
- The subject line of all e-mail correspondence to the instructor must contain the course number and section and student's name. Any e-mail received without this information will not be opened.
- Plagiarism in any form will be treated as a failure to complete an assignment. All work submitted should reflect individual effort by the student.

- In borderline cases that arise in almost every class each semester a student's attendance, class participation, attitude, and observed effort will be considered in helping to determine the student's final grade.

If the instructor does not appear after 20 minutes following the scheduled time, students should generate an attendance list. One volunteer member need deliver the list, containing the course title, date, and instructor's name, to the Evening Office L-113 or to the Divisional Office (during the day) A-306C.