

Syllabus & Schedule - Fall Semester 2008
Web 120-030, Introduction to Internet Multimedia

Days/Times: Monday and Wednesday, 8:00 to 9:40 p.m.
Location: Tech Center, Room 983

Instructor: Patrick Hines
Office: Bacon Street Bldg, room 2100A
Office Hours: Tuesday and Thursday, 4-5 p.m. (Appointment Recommended)
Additional hours available, e-mail for an appointment.
Phone: (919) 536-7249 x2804
Email: hinesp@durhamtech.edu

Course Outline:

This is the first of two courses covering the creation of Internet Multimedia. Topics include Internet multimedia file types, file type conversion, acquisition of digital audio/video, streaming audio/video and graphics animation plug-in programs and other related topics. Upon completion, students should be able to create Internet multimedia presentations utilizing a variety of methods and applications.

TEXT and OTHER REQUIRED MATERIALS

Text: *SAMS Teach Yourself Macromedia Flash MX 2004 in 24 Hours*, Phillip Kerman, SAMS Publishing, ISBN 9-780672-325946
Additional Text: Links to supplementary materials will be provided throughout the semester. It will be the students responsibility to download and optionally print these materials at their own expense.
Additional content will consist of approximately 120 pages.

Storage media: USB flash/thumb/jump drive

GRADING:

Attendance/Participation	10%
Assignments	30%
Project	20%
Tests	30%
Final Exam	10%

SCALE:

A	90 - 100
B	80 - 89
C	70 - 79
D	60 - 69
F	0 - 59
F2	0 - 59 and stopped coming to class
W	official withdrawal

Assignment and Exam Policies

Any activities completed individually, in teams, groups, or as a class, may carry an assigned point value and will contribute to your grade as an assignment. Assignments may include questions, programs, in-class participation, or team assignments. Assignments are to be completed individually unless otherwise specified. Submission of assignments will vary and include typed print-outs, the use of Blackboard to answer questions or upload files, or demonstrations to the instructor or class.

For each assignment turned in late, a 20% deduction will be assessed for each class period past the due date. No assignment will be accepted more than two weeks late. Assignments that required your in-class participation with an assigned group or team partner may not be made-up. Exams must be taken on the assigned date; otherwise a grade of zero will be assigned. Any exceptions to this policy must be the result of a documented emergency or prior arrangement with the instructor.

STANDARD DURHAM TECHNICAL COMMUNITY COLLEGE POLICIES

Attendance Policy

The college has an 85% attendance requirement with no excused absences. Moreover, absences are counted from the first scheduled class meeting, and a student who misses more than 15% (or 10% in Developmental Education courses) of instructional hours may be asked by the instructor to withdraw or may receive a grade of F2. If students are absent, it is their responsibility to seek out their instructor or a classmate to discover what they missed.

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Arriving late or leaving class early (missing more than 20 percent of an instructional session) counts as a full absence. In addition, habitual tardiness may also result in point deductions from the course grade or a grade of F2. Any amendments to this policy are at the full discretion of the instructor. *The class period is 100 minutes long, if you miss 20 minutes of that period, you will be considered absent.*

Withdrawal Policy

Students may officially withdraw from the course and receive a grade of W up to the 60 percent point of the semester. To officially withdraw from the course, a student must complete and submit an official withdrawal form to the Admissions and Registration Office prior to the official 60 percent point of the semester.

Students who do not follow these steps to withdraw officially by the 60 percent point will receive a grade based on work done for the course, including zeros for assignments not completed. The instructor will not fill out drop forms nor assume responsibility for delivering drop forms to the Registration Office. Students must contact the instructor or the instructor's supervisor if an emergency prevents them from following the above steps. A student cannot drop the class merely by ceasing to attend. The student must fill out a withdrawal form at the Admissions and Registration Office and follow the above-mentioned guidelines; otherwise, the student will receive an F2 for the course, rather than a W.

The last day to withdraw with a W this semester is October 27, 2008

Academic Integrity

According to the [2008 Catalog and Student Handbook](#) "Durham Technical Community College demands complete academic integrity from each student. Academic dishonesty is the participation or collaboration in specific prohibited forms of conduct" (24). Academic dishonesty includes the following:

Registering for a course not approved by a student advisor;

Unauthorized copying, collaboration, or use of notes, books, or other materials on examinations or other academic exercises; Plagiarism, which is defined as the intentional representation of another person's work, words, thoughts, or ideas, including material from the Internet, as one's own;

Unauthorized possession of any academic material, such as tests, research papers, assignments, or similar materials; or

Furnishing false information with the intent to deceive members of the college faculty or administration who are acting in the exercise of their official duties.

The Violation Procedure for the Academic Honesty Policy is available in the Catalog and Student Handbook. Please note that as the Catalog and Student Handbook is updated, campus policies may change.

Student Code of Conduct

According to the [2008 Catalog and Student Handbook](#) "All Durham Tech students are expected to conduct themselves as responsible adults. Behavior that persistently or grossly disrupts the educational process or functioning of the college, whether it occurs on campus or at any college-sponsored activity, may result in disciplinary action" (29). Examples of specific violations of and the grievance procedure for the Student Code of Conduct are available at the following link: <http://www.durhamtech.edu/html/prospective/student-servicesb.htm#conduct>. Please note that as the Catalog and Student Handbook is updated, campus policies may change.

Campus Learning Center

Students who need tutorial assistance may be referred to the Campus Learning Center (CLC), in the Phail Wynn Jr. Student Services Center, third floor. This term's schedule of free tutorial services is available in the CLC and is posted online and on bulletin boards around campus. For more information, call the CLC at 919-536-7232 or consult the CLC web pages at <http://www.durhamtech.edu/clc.htm>.

Disabilities Services

Students who require academic accommodations due to any physical, psychological, or learning disability are encouraged to request assistance from the Disability Services Coordinator within the first two weeks of the semester. Likewise, students who may require emergency medical attention due to a chronic health condition are encouraged to disclose this information to a disabilities services counselor within the first two weeks of the semester. Counselors can be contacted by calling 919-536-7208 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1309.

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ADDITIONAL DURHAM TECHNICAL COMMUNITY COLLEGE POLICIES

Library Access

Durham Tech has an extensive collection of print sources as well as online database collections. The library catalogue and online databases are available at <http://www.durhamtech.edu/library.htm>. Remote access database passwords are available at the circulation desk or by email by clicking on the "Ask a librarian" link. The online catalogue and library hours are also available on the library's website. Librarians can be reached by telephone at 919-536-7211 or e-mail at library@durhamtech.edu.

Computer Labs Locations and Hours

The most up-to-date computer lab schedules can be accessed at http://courses.durhamtech.edu/wiki/index.php/Computer_Labs.

Select computer lab information is below:

Campus Learning Center (CLC) Computer Lab, Wynn Student Services Center 1305:

Hours of Operation: Monday-Thursday, 9:00am-8:00pm, Friday, 9:00am-2:00pm, Saturday, 10:00am-2:00pm.

Library (ERC) Computer Labs:

Hours of Operation: Monday-Thursday, 8:00am-9:00pm, Friday, 8:00am-5:00pm, Saturday, 9:00am-2:00pm

Upstairs Lab: Internet Only; Downstairs Lab: Word Processing/Internet

Upstairs lab is unavailable if a Library Orientation is in session

Classroom Atmosphere

Classrooms are a place for serious academic inquiry and for the practice of college-level thinking. In order to create a positive learning atmosphere for all students, please abide by the following classroom rules.

Cell phones/pagers: Please turn cell phones/pagers off or switch them to silent during class. Receiving or making a call during class will not be excused. You may give the number of the security office (919-536-7255) to your emergency contacts, and an officer will come and get you in class if there is an emergency.

Side conversations: Questions are expected and welcome. However, please do not hold side conversations while the instructor or classmates are explaining something. Please ask the instructor first, not a neighbor, if you have any questions.

Language/respect: Vulgar language is not allowed in the classroom. Also, please show tolerance and respect to all members of the class.

Dominating the class conversation: Many subjects in the class will be open to group discussion. If the instructor feels anyone is dominating the conversation, he or she may ask that individual to allow others to voice their opinions so the class can address more perspectives. The best way to understand new concepts is to talk about them from different points of view, and allowing everyone the chance to participate is the best way to accomplish this goal.

Attendance: Once you enter the room, you are expected to remain present for the full class period and not to leave without permission and only under extreme circumstances. It is distracting to the instructor and to your classmates to wander in and out of the classroom.

Food or drink: No food or drink is allowed in the college's classrooms or computer labs.

Children: The college does not permit a student to attend class with a child or to leave a child unattended on campus while attending class.

Appropriate Use of Computing Resources Policy

<http://www.durhamtech.edu/html/prospective/studentervicesc.htm#computing>

Excerpts:

"The College has the right to establish standards for security, privacy and data integrity on its computing systems as it deems appropriate. Furthermore, the College may determine the nature and extent of access to computer resources, may deny individuals access to computer systems and networks, and may determine who may connect a device to the computer system and the specifications for such a device."

"All software installed or used on Durham Tech computers must be legally licensed for use on the college premises. Do not copy copyrighted software from computers on campus or install software on campus computers that is not legally licensed."

"Users are expected to abide by all federal and state laws governing computer use. Users may not attempt to evade, disable or "crack" passwords or other security provisions. Also, users may not knowingly install any virus or destructive computer program onto campus computers."

"Anyone who violates this policy is subject to the College's student code of conducts the employees' due process policy and possible criminal complaint or civil action for damages."

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Date	Topic: Learning Objective	Ch.
Mon 8/18	Orientation and Introductions: Orientation to course. Student introductions. Define Internet Multimedia. Discuss the various types of internet multimedia and implementation.	
Wed 8/20	Survey of Media Types: Overview of the different formats and technologies used for Internet multimedia. Demonstrate various forms of Images, Audio, Video and Animation.	
Mon 8/25	Flash Part I - Hour 1: Learn the basics of working with Flash.	1
Wed 8/27	Flash Part I - Hour 2: Learn how to draw simple graphics on the Stage.	2
Mon 9/1	Labor Day Holiday - No Class Meeting	
Wed 9/3	Flash Part I - Hour 3, Apply techniques for importing vector and raster graphics into flash.	3
Mon 9/8	Flash Part I - Hour 4, Apply advanced drawing techniques and master grouping objects.	4
Wed 9/10	Flash Part I - Hour 5: Use the symbol library to simplify the creation of graphics and streamline production.	5
Mon 9/15	<i>Test 1 - Flash Basics (Hours 1 through 5)</i>	
Wed 9/17	Flash Part II - Hour 6: Develop an understanding of the basic components of animation including frames, frame rate, keyframes, and tweening.	6
Mon 9/22	Flash Part II - Hour 7: Develop animations using frame by frame techniques. Use onion skin tools to enhance frame by frame technique.	7
Wed 9/24	Flash Part II - Hour 8: Create animations using motion tweening.	8
Mon 9/29	Flash Part II - Hour 9: Create Morphs with Shape Tweens.	9
Wed 10/1	Flash Part II - Hour 10: Demonstrate the use of timeline effects in animations.	10
Mon 10/6	Flash Part II - Hour 11: Incorporate sound and sound effects in animations.	11
Wed 10/8	Flash Part II - Hour 12: Use layers in animations to enhance visual effects.	12
Mon 10/13	Flash Part II - Hour 13: Create animations using movie clips and graphics symbols.	13
Wed 10/15	Faculty Work Week - No class meeting	
Mon 10/20	<i>Test 2: Flash Animation (Hours 6 through 13)</i>	
Wed 10/22	Flash Part III - Hour 14: Develop techniques for including interactivity in Flash animations. Understand techniques used to create buttons.	14
Mon 10/27	Flash Part III - Hour 15: Use ActionScript behaviors to create nonlinear movies.	15
Wed 10/29	Flash Part III - Hour 16: Create advanced interactivity by ActionScripting applications.	16

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Date	Topic: Learning Objective	Ch.
Mon 11/3	Flash Project Day 1: Work in groups to design and develop Flash animations for a fictitious client. Various source materials and concept models will be provided.	
Wed 11/5	<i>Test 3: Flash Animation (Hours 14 through 16)</i> Flash Project Day 2: Work in groups to design and develop Flash animations for a fictitious client. Various source materials and concept models will be provided.	
Mon 11/10	Working with images: Discuss in detail the file formats used for images on the web including BMP, GIF, JPEG, and PNG. Develop an understanding of the features and benefits of the various formats in use. Prepare sample images for use on the Internet.	
Wed 11/12	Working with audio: Survey the various plug-ins and add-ons used to present audio on the Internet. Plugins include; RealPlayer, Windows Media, and Quicktime. Study the various codecs in use and how they relate to sound quality.	
Mon 11/17	Working with video: Survey the various plug-ins and add-ons used to present video on the Internet. Plugins include; RealPlayer, Windows Media, and Quicktime. Develop an understanding of the various codecs in use and how they relate to video/audio quality. Examine streaming technologies used for Audio/Video.	
Wed 11/19	Web Animation: Overview the various forms of animation used on the Internet include Animated GIFs, JavaScript, Java Applets, Adobe Flash and others. Create and edit animated GIFs for the web.	
Mon 11/24	Media Laboratory: Edit and process various source material for deployment on the Internet. Utilize various tools to prepare images, audio, and video.	
Wed 11/26	<i>Thanksgiving Holiday - No Class Meeting</i>	
Mon 12/1	Multimedia Web Site Project: Materials developed throughout the semester will be used to create a multi-page multimedia website. Teams will be formed to coordinate the development effort.	
Wed 12/3	Multimedia Web Site Project: Teams will continue development of a multimedia website	
Mon 12/8	Multimedia Web Site Project: Teams will complete the creation of the multimedia websites.	
Wed 12/10	Multimedia Web Site Project: Multimedia sites will be presented in class. <i>Review for final exam</i>	
Mon 12/15	<i>Friday Classes Meet on this day. No class meeting</i>	
Wed 12/17	Final Exam	

** Assignment details provided on Blackboard server and in class.

No School Dates: 9/1, 10/15, 11/26, 12/15

Last day to withdraw with a W grade is Monday, October 27, 2008