

Syllabus for CGS 1821 - Ref.# 126172

COURSE INFORMATION

Scope:

This course teaches how to create, publish and manage Web sites with visual HTML tools and graphic editing software (Adobe® Dreamweaver® CS3 and Fireworks® CS3). Students create dynamic Web sites, incorporating custom designed graphics, text, Flash movies, Dynamic HTML, Java Applets, Cascading Styles Sheets, templates, libraries, tablets, forms and user interactivity.

Recommended Prerequisite: Knowledge of basic Internet concepts and Web browsing procedures.

Expected Course Outcomes: At the completion of the course, students should be able to:

- Make use of technology to organize, acquire, and convey information
- Communicate with clarity and precision
- Identify and demonstrate skills, techniques, and concepts related to creating high impact professional Web Site development solutions by integrating Adobe®) Fireworks® and Dreamweaver® in:
 - Creating vector images and using vector tools/ working with bitmaps and using bitmap editing tools
 - Working with groups and layers and creating text, fills, and live effects for Fireworks
 - Creating animated gif images in Fireworks along with image maps and slices and buttons
- Demonstrating Dreamweaver basics including adding graphics and user interactivity, creating CSS, layers, tables and templates, and integrating Dreamweaver behaviors
- Demonstrating production, publishing and exporting for Fireworks and Dreamweaver
- Design and publish a complete and functional web site according to instructor specifications

Assessment of Learning Outcomes:

Learning outcomes are determined by measuring the ability of each student to accomplish the learning objectives of the course as measured against industry standards, job descriptions, and state curriculum frameworks. The assessment tools used for this course include observation of mastery of critical skills and performance-based methods, such as completion of assigned Web site projects, quizzes and exams consisting of either essay, multiple-choice, true/false or fill-in-the-blank questions.

Dates: Aug. 28 - Dec. 11, 2008, Thursday evenings - 8:10-10:40 PM (See the [Course Schedule](#) below)

Textbook:

- [\[Adobe Dreamweaver CS3 H.O.T.\]](#) by Garrick Chow ISBN: 0-321-50985-4
- [\[Adobe Fireworks CS3\]](#) by Noble Desktop ISBN: 1-934624-02-0

Required Materials:

- A USB storage device (a.k.a. "Flash Drive" or "Jump Drive") of any storage capacity. These can be found at any office or business supply store.

- Adobe Fireworks CS3 and Dreamweaver CS3 for completing this course: Software is available for use for students who do not own or wish to purchase (seeking educational pricing) this software at the following locations during the CAD lab hours for the rooms listed-please check hours of operation at each location:
 - Main Campus: V209B, V213, and V217
 - SLW: B111
 - Stuart: C202 and /C112
 - Vero: D228
 - Okeechobee: A105

Course Web Site Addresses:

- CGS 1821 Course Home Page: www.gibson.vero-beach.fl.us/classes/cgs1821/
 - IRSC Online Server Login Page: [\[webct6.ircc.edu\]](http://webct6.ircc.edu)
 - IRSC eLearner Support Page: [\[www.irsc.edu/portal/layout_web1.aspx?PortalPageID=225\]](http://www.irsc.edu/portal/layout_web1.aspx?PortalPageID=225)
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INSTRUCTOR INFORMATION

Name & Department: Randolph Gibson, Computer Science

Office Location: V 424 [\[Kight Center for Emerging Technologies\]](#) - 3209 Virginia Avenue, Ft. Pierce, FL 34981

Office hours: For latest schedule, view the web page at

www.gibson.vero-beach.fl.us/classes/contact.html

Phone Numbers:

Residence (Vero Beach) - 772-234-8941 (7 AM - 10 PM)

[\[Main \(Fort Pierce\) Campus\]](#): 772-462-7620 (from outside S.L. County, dial: 866-792-4772 Ext. 7620)

[\[Mueller \(Vero Beach\) Campus\]](#) - Faculty Office: 772-226-2514

College E-mail Address: rgibson@ircc.edu

STUDENT RESPONSIBILITIES

Participation:

You are expected to participate in each class meeting and will be tested on text *and lecture* content. It is your responsibility to notify me if you miss the daily roll call and to get the lecture notes from a classmate. Bring your textbooks (with accompanying discs), a **pencil**, notepaper and your USB storage device to each class meeting. The maintenance and security of your textbook and software is your responsibility. The loss of these items does not exempt a student from his or her class/homework responsibilities.

Interruptions:

Portable electronic devices such as cellular phones, pagers, PDA's, media players, etc. must not be used during class. If you need to be reached at the college, use the following numbers:

- Daytime classes: Mueller Office 772-226-2500
- Night classes: Mueller Security 772-226-2531

Contact:

You are responsible for keeping me informed of changes in your contact information. You must send me a message within the first week of class that includes the following information: the course and reference number, your name, your phone number, and your county of residence. **All student email related to this course should be sent to the instructor via the Blackboard mail system.** My email address within that system is my name "Randolph Gibson". **Keep a copy of all material sent.** *Please also maintain your personal contact records with the college via the [\[Online Registration Page of the college Web Portal\]](#).*

Projects:

All projects are accessible as links in the schedule below. Review all recommended reading before starting each project.

Note the following important policies:

- You must do all projects alone! Plagiarism will not be tolerated and will result in severe disciplinary action.
- All projects must be completed in order to pass the course. Note this well! A student with A's on every assessment and project will fail the course if they have not completed all projects by the deadline for the final one.
- Only assignments that you submit by the *start* of class on their scheduled due dates can earn full credit.
- Keep a copy of all work submitted.

Campus Computer Labs:

You are welcome to use the IRCC Computer Labs (in Room V 125 on the [\[Main Campus\]](#), Room J 211 on the [\[St. Lucie West Campus\]](#), Room 19 on the [\[Stuart Campus\]](#), and Room V 114 on the [\[Vero Beach Campus\]](#)) at times as noted on the lab doors. The student Lab Assistants who supervise the labs are there to provide general guidance in using lab equipment, but are not expected to be familiar with all software used in each course. Contact your instructor for help with software and other class topics.

Make-up Work:

No more than 1 quiz or project can be made up. The make-up item might be more difficult than the original. You must schedule and complete the make-up no later than 7 days after the original. The final exam cannot be made-up without an [Incomplete \(I\) grade](#).

Grading:

Remember: *All* projects must be completed prior to the final exam for you to pass this course.

Instruments of Evaluation	Points
Ten practice exercises (must be completed)	0
Four small projects, each worth 25 points, totaling	100
Capstone project, worth 100 points, totaling	100
Four quizzes, each worth 50 points, totaling	200
Final (unit) exam (in an IRSC Assessment Center)	50
Your final grade is based on your percentage of	450

You can check on your class performance using the MyGrades area of the Blackboard server. Final grades result from the total points each student earns divided by the total points available, based on the scale: 100-90% = A, 89-80% = B, 79-70% = C, 69-60% = D, 59-0% = F. Final grades are posted to the college Web site shortly after the last day of final exams at the web address

[\[webreg1.irsc.edu/FCCSC/navigate/student.jsp\]](http://webreg1.irsc.edu/FCCSC/navigate/student.jsp)

Incomplete Grade:

IRSC policy states that an [Incomplete \(I\) grade](#) may be considered *only* in cases when a student is currently passing a course, but could not complete it due to circumstances judged to be beyond the student's control, and when there is a reasonable expectation that the work can be satisfactorily completed within a calendar year. An incomplete grade which is not resolved within a calendar year will automatically become an "IF" (failing grade).

Withdrawal:

If you feel the need to withdraw, please speak with me about alternatives. You will *not* be automatically withdrawn if you stop participating in the class. Withdrawal requires that *you* submit an official withdrawal form through an Educational Services office on any campus or through online submission at:

[\[webreg1.irsc.edu/FCCSC/navigate/student.jsp\]](http://webreg1.irsc.edu/FCCSC/navigate/student.jsp)

Degrees & Certificates:

This course is a requirement of the Computer Information Technology A.S. Degree program at IRSC. You are strongly encouraged to consider the advantages of completing a Technical Certificate or an Associate Degree. Check with your counselor to see how close you may be to increased earning potential.

Professionalism:

Students enrolled in IRSC's Computer Science courses are encouraged to develop their professional character through participation in the local chapter of the national student organization, [\[Phi Beta Lambda\]](#). For more information, contact Professor Terri Holly <tholly@ircc.edu> at 772-462-7669.

COURSE SCHEDULE

An average student should expect to spend at least as much time studying outside of class as spent in class. Review the schedule in advance to determine any conflicts that may arise regarding holidays or travel plans. Realize that all posted dates are **deadlines** for activities that you will be performing in this course. You are welcome to submit work early. Try to stay **ahead** of the schedule; don't just keep up with it. Contact me immediately if you cannot meet a deadline.

Reading involving either the textbook or online supplemental pages should be completed before attempting any project or assessment. Exercises and review questions within the textbook are useful, but will not be submitted for grading in this class.

This schedule and any changes to it will be posted on the course web site. You also are advised to review the web pages regarding academic schedules on the [\[IRSC Web Portal\]](#) .

The readings used in this course will not always follow numeric sequence in the book. Chapters from the book about Dreamweaver® will be identified below preceded by "DW:". Chapters from the online readings about Fireworks® will be identified below preceded by "FW:". We will not cover all chapters from either book, although all are valuable reading. Exercises and review questions within the readings are useful, but will *not* be submitted for grading in this class.

Week	Chapter (DW=Dreamweaver, FW=Fireworks)	Exercise / Project
Th 8/28	Orientation DW: 1. What Is Dreamweaver CS3?	
Th 9/4	DW: 2. Exploring theInterface DW: 3. Managing Your Sites DW: 4. Learning the Basics	
Th 9/11	DW: 5. Linking DW: 21. Getting Your Site Online	Ex.1: Linked Hierarchy Ex.2: Uploading Data
Th 9/18	QUIZ A	Pr.1: Mini Site
Th 9/25	DW: 6. Working with Cascading Style Sheets DW: 7. Working with Typography	Ex.3: Inline and Embedded Styles Ex.4: External Styles
Th 10/2	DW: 8. Working with Tables DW: 9. Using Layout Tools	Ex.5: Table Pr.2: CSS

Week	Chapter (DW=Dreamweaver, FW=Fireworks)	Exercise / Project
Th 10/9	<u>QUIZ B</u> FW: Ex.1A. Optimizing Graphics for the Web FW: Ex.2B. Bitmap Editing FW: Ex.2C. Vector & Bitmap Editing	Ex.6: FW. 1A, 2B, 2C
Th 10/16	FW: Ex.1B. Running Horse Animation FW: Ex.1C. Multi-Frame Editing FW: Ex.1D. To Tween or Not to Tween FW: Ex.2A. Create Animated Banner from Scratch FW: Ex.3A. Slicing & Rollovers FW: Ex.3B. Creating an Image Map	Ex.7: FW. 1B, 1C, 1D
Th 10/23	FW: Ex.4A. Buttons with Behaviors FW: GIF vs. JPEG vs. PNG Saving Options FW: Color Palettes DW: 11. Adding Rollover Images DW: 15. Editing Images	Ex.8: FW: 2A, 3A, 3B, 4A Ex.9: Rollover
Th 10/30	<u>QUIZ C</u>	Pr.3: Graphics
Th 11/6	DW: 12. Using XHTML DW: 13. Working with Forms DW: 14. Applying Behaviors	Ex.10: Form
Th 11/13	DW: 16. Using Templates and Library Items <u>QUIZ D</u>	Pr.4: Dynamic Form
Th 11/20	DW: 17. Automating Repetitive Tasks DW: 18. Understanding Accessibility DW: 19. Inserting Media Objects DW: 20. Using Spry Tools (Ajax)	
Th 11/27	<i>THANKSGIVING HOLIDAY - NO CLASS</i>	
Th 12/4	Student Presentations	Capstone Project
Th 12/11 8:15 PM	<u>FINAL EXAM</u>	

Last Revised: 4 Sept. 2008

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www.gibson.vero-beach.fl.us/classes/cgs1821/fall/cgs1821_08vbr.html E-mail: rgibson@ircc.edu