

MIDSTATE COLLEGE
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PEORIA, IL 61614
(309) 692-4092 or (800) 251-4299
Spring 2019

Course: CIS 120 Web Design (IAI MC 923)

Credit: 4 quarter hours **Method of Delivery:** Flex

Course Description: This course is designed to teach the concepts and techniques needed to create web pages for the World Wide Web. Included in the course is a discussion of various Web authoring tools as well as basic Hypertext Markup Language (HTML). Additional topics include but are not limited to building efficient site architectures based on the principles of hierarchy, developing efficient navigational structures in the interest of usability and accessibility, creating web pages and sites that are compliant with current state and World Wide Web Consortium standards, and proper site maintenance techniques for both local sites and remote servers.

Flex courses: are taught both on-campus and through eLearning. Flex courses offer personalized learning where students can choose each week whether they want to attend on-campus, via eLearning, or both.

- On-campus = If a student attends an on-campus course, he or she will be counted as present.
- eLearning = To be considered in attendance for an eLearning course, the student must participate each week by submitting substantial, gradable work.

Prerequisite(s): CIS 114 - Computer Usage and Software Applications

Textbook): Principles of Web Design, 5th Edition.

Author(s): Joel Sklar.

Publisher: Course Technology, 2012. **ISBN-10:** 1-111-52870-5. **ISBN-13:** 978-1-111-52870-6.

Materials needed for this course: Internet Access

Topics:

1. Web site design & planning
2. Cascading style sheets
3. Web Typography
4. Box & layout properties
5. Graphics & colors
6. Web site navigation
7. Data tables
8. Web forms

Learning Objectives: Upon completion of this course, the student will be able to:

1. Explain how the World Wide Web works
2. Create web pages and web sites
3. Publish sites to the World Wide Web
4. Hand-code latest standards-compliant HTML
5. Comprehend the importance of valid syntax and accessibility per current standards
6. Comprehend the Illinois Information Technology Accessibility Act (IITAA) and World Wide Web Consortium (W3C) standards

Grading Scale:

90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
0 – 59%	F

Midstate Plagiarism Policy:

Plagiarism is using another person's words, either by paraphrase or direct quotation, without giving credit to the author(s). Plagiarism can also consist of cutting and pasting material from electronic sources by submitting all or a portion of work for assignment credit. This includes papers, computer programs, music, sculptures, paintings, photographs, etc. authored by another person without explicitly citing the original source(s). These actions violate the trust and honesty expected in academic work. Plagiarism is strictly against the academic policy of Midstate College. Its seriousness requires a measured, forceful response which includes consequences for inappropriate and/or no citation.

In courses containing writing assignments, the College promotes the use of an electronic resource which compares the student's writing against previously submitted papers, journals, periodicals, books, and web pages. Students and instructors can use this service to reduce the incidence of plagiarism. This electronic resource has been found to conform to legal requirements for fair use and student confidentiality. It is able to provide a report to the student indicating the parts of the assignment that match.

Student Success: The Office of Student Success is available to students seeking tutoring for individual classes or who need assistance with writing assignments. Information is also available on test taking techniques, how to take notes, developing good study skills, etc. Contact Student Success in room 110, or (309) 692-4092 ext. 1100, or studentsuccess@midstate.edu.

Instructor: Mark Webb

Email: mdwebb@midstate.edu

Policies & Procedures:

Homework assignments will be posted to the class web page. Students are encouraged (and expected) to attend all classes and participate in all class activities.

- 1) **Labs:** Every lab must be completed, or the student will receive a failing grade for the lab AND the course. Not completing assigned lab will result in an automatic failing grade for the lab.
- 2) **Assignments:** All online assignments are to be turned in within the eLearning week in which it was assigned unless otherwise specified. Each assignment will indicate details of the assignment, the points for the assignment, and the due date.
 - a. Penalties for turning in late assignments without prior approval from the instructor:
(ALL homework is due the following week)
 - i. One Week Late = 10%
 - ii. Two Weeks Late = 25%
 - b. Three or More Weeks Late = 50%

****Moodlerooms will show if an Assignment is late***

Participation Requirements:

This is a web design class, so the emphasis will be on designing & creating web pages.

1. One web design/page will be written as homework for each lecture night, due the following class
2. One on-line quiz will be covered to strengthen terminology covered in that week's lecture
3. The final will be a complete web site. Requirements will be given describing what items will be needed in order to gain points on the first night of class (you'll have the entire quarter to work on it).

Weekly Forums

- Forums are to be "Thought Starters". Maybe someone is having an issue/problem on a specific topic, and another student solved that issue/problem and can provide help. The great thing about Forums is they get ideas rolling and help get the creative 'juices' flowing in our minds.
- 10 points for each forum, either attend class (live or skype) and participate in the lecture OR post a question/comment in the forum in Moodlerooms for that week (You get 10 points for attending live or skype).

Examination Information:

The homework in this class builds on the previous assignments. This class does not have midterm or final exams, but instead has a "Final Project". This will be a Complete web site (instructions included within eLearning). The requirements for this project require a LOT of detail, so it is highly suggested to work on this weekly as we cover the topics required for the final project. This will help in the completion, because procrastination will cause you to omit, streamline, and put in less detail that will affect your final grade.

Methods of evaluating student performance:

1. All assignments must conform to the rules outline on that assignment.
2. Work must correctly answer questions or must clearly show that you completed the assignment.
3. If you have any questions about an assignment, please ask before the work is due.
4. Students are expected to take all exams when administered. Make-up exams are a privilege granted at the discretion of the instructor.
5. You may get help from the instructor or other students.
6. You may not copy another student's work either in whole or in part.
7. If you are in doubt the help you are giving is permissible, ask!
8. Plagiarized assignments are given a grade of "0" with no opportunity to resubmit the assignment. (see Midstate's plagiarism policy)
 - a. This class grades each student on an individual basis. Because of this the instructor expects each student to do their own work.

Instructor's Grading Scale:

Point Scale:

1. Quizzes: 10 points each (total: 120)
2. Review questions: 10 points each (total: 120)
3. Homework: 30 points each (total: 360)
4. Forums: 10 points each (total: 120)
5. Final Project: 280 points

Grading:

There will be a TOTAL of 1,000 points available (120+120+360+120+280=1,000):

Quizzes: 120 points
Review Questions: 120 points
Homework: 360 points
Forum: 120 points
Final Project: 280 points

Total Points: 1,000 points

900-1000 = **A** | 800-899 = **B** | 700-799 = **C** | 600-699 = **D** | <600 = **F**

Instructor Expectations:

- This class will consist of 12 classes. And the instructor expects each student to participate in all classes (either in the classroom, via skype or weekly forums).
- The instructor expects the student to let him know if they are having any problems within the class and related Chapters. The instructor is here to answer the student's questions and assist them. If the student does not understand what is covered in class and courseware, **PLEASE** let the instructor know.

I am one of the FEW Instructors that uses Skype for a "LIVE" online Classroom

- The instructor will set up a Web Cam for every class for ANY student that wants to attend class in 'real time' without having to come on campus. Search for "mark.webb.midstate" to connect with.
- **RULES** for Skype'ing: class starts on time. Keep microphone muted unless asking a question. You do NOT need a web cam, just a microphone to ask questions.

COURSE SCHEDULE

Week	Chapter	Obj	Topic Assignments
#1:	CH1	1	Web Design Environment
Assignments			<ul style="list-style-type: none"> • Read and understand Chapter 1 Pages 2-36 • Complete Hands-On Project • Weekly Forum discussion • Individual Case Project <ul style="list-style-type: none"> ○ Create with Notepad ○ Submit to Moodlerooms. • Complete Chapter 1 Quiz
#2:	CH2	1,2,6	HTML History/Web Design Principles
Assignments			<ul style="list-style-type: none"> • Review Questions 1-19 (even # only) • Hands-On Project • Individual Case Project-Sketching page layouts <ul style="list-style-type: none"> ○ Use shapes and text boxes in Word to create your page layouts. Create layouts in one Word document named (your_last_name) Case Project. Use separate pages in document for each web page design. • Weekly Forum discussion • Complete Chapter 2 Quiz

#3:	CH3	2	Planning the Site
Assignments			<ul style="list-style-type: none"> • Read and understand Chapter 3-Site Planning Pages 105-145 • Complete Assignments: • Hands-On Project • Individual Case Project-Site Specification (2 documents) <ul style="list-style-type: none"> ○ Document #1: Include all information from paragraph #1 and #2 ○ Document #2: Paragraph #3 wireframes USE ONE OF THE TWO PROGRAMS ON P. 110 (Pencil or Gliffy) • Weekly Forum discussion • Complete Chapter 3 Quiz
#4:	CH4	2,3	CSS
Assignments			<ul style="list-style-type: none"> • Review Questions 1-20 (odd # only) • Hands-On Project • Individual Case Project-Using CSS <ul style="list-style-type: none"> ○ In a Word document answer these questions: <ul style="list-style-type: none"> ▪ How will you implement CSS into your project Web site? ▪ How will you use style characteristics in your page designs? ▪ What class names will you use to identify your content? • Weekly Forum discussion • Complete Chapter 4 Quiz
#5:	CH5	2	Web Typography
Assignments			<ul style="list-style-type: none"> • Read and understand Chapter 5-Web Typography pgs. 191-243 • Complete Chapter 5 Quiz • Review Questions 1-20 (even # only) • Hands-On Project • Individual Case Project-Designing type hierarchy for web site • Weekly Forum discussion • Complete Chapter 5 Quiz
#6:	CH6	4	Box Properties
Assignments			<ul style="list-style-type: none"> • Read and understand Chapter 6-Box Properties pgs. 244-292 • Complete Assignments: <ul style="list-style-type: none"> • Review Questions and Exercises 1-10 • Hands-On Project • Individual Case Project-Designing box model conventions • Complete Chapter 6 Quiz

#7:	CH7	5	Page Layout
Assignments			<ul style="list-style-type: none"> • Read and understand Chapter 7-Page Layout pgs. 294-336 • Complete Assignments: • Review Questions 1-14 (even only) <ul style="list-style-type: none"> ○ Hands-On Project ○ Individual Case Project-Fixed or Flexible design? • Weekly Forum discussion • Complete Chapter 7 Quiz

#8:	CH8	5	Graphics and Colors
Assignments			<ul style="list-style-type: none"> • Read and understand Chapter 8-Graphics & color pgs. 338-398 • Complete Assignments: <ul style="list-style-type: none"> ○ Review Questions (odd only) ○ Hands-On Project ○ Individual Case Project-Gathering Graphics • Weekly Forum discussion • Complete Chapter 8 Quiz
#9:	CH9	4	Site Navigation
Assignments			<ul style="list-style-type: none"> • Read and review Chapter 8-Site Navigation pgs. 400-446 • Complete Assignments: <ul style="list-style-type: none"> ○ Review Questions (even only) ○ Hands-On Project ○ Individual Case Project-Internal and External Navigation • Weekly Forum discussion • Complete Chapter 9 Quiz
#10:	CH10	4	Data Tables
Assignments			<ul style="list-style-type: none"> • Read and review Chapter 10-Data Tables pgs. 448-480 • Complete Assignments: <ul style="list-style-type: none"> ○ Review Questions (1-10 only) ○ Hands-On Project ○ Individual Case Project-To use tables or not; that is the question • Weekly Forum discussion • Complete Chapter 10 Quiz

#11:	CH11	4	Working with Forms
Assignments			<ul style="list-style-type: none"> • Read and review Chapter 11-Web Forms pgs. 481-525 • Complete Assignments: <ul style="list-style-type: none"> ○ Review Questions (even only) ○ Hands-On Project ○ Individual Case Project-Build User Feedback Form <ul style="list-style-type: none"> ▪ Special Instructions—Use a Word document to outline the types of questions you would include to match the content of your site. You DO NOT need to build them in your website. • Weekly Forum discussion • Complete Chapter 11 Quiz
#12:	CH12	1-5	Final Project Congrats Web Designer
Assignments			<ul style="list-style-type: none"> • Complete Assignments: <ul style="list-style-type: none"> ○ Review Questions (even only) ○ Hands-On Project • Weekly Forum discussion • Complete Chapter 12 Quiz • TURN IN FINAL PROJECT