Northwest Arkansas Community College
Business & Computer Information Division

Discipline Code
CISM

Course Number
2213

Course Title
Web Page Design II

Catalog Description
An exploration of more advanced Web Page Design. Students will learn how to use web design tools and other web design software to create state–of–the–art web pages. (Outside lab time will be required.)

Prerequisites
CISM 2123, or consent of instructor

Credit Hours
3 credit hours

Contact hours
45 lecture contact hours; 45 lab contact hours

Load hours
3 load hours

Semesters Offered
On Demand

ACTS Equivalent
N/A

Grade Mode
A-F

Learning Outcomes
Students completing this course will:
- Enhance Web pages through multimedia content
- Design an interactive Web form
- Perform validation on a Web form to ensure data integrity
- Add audio and video clips to a website
- Create and use JavaScript functions to enable dynamic site content
- Use JavaScript arrays, loops, conditional statements, and events
- Work with document nodes and dynamically apply style sheets
- Configure Dreamweaver, Word Press, or other Content Management Systems
- Manage, organize, and update multiple websites

Topics list
- Creating and editing websites with current HTML editors or web-based tools
- Building interactive Web forms and performing client-side validation
- CSS transitions and animations
- HTML 5 audio and video
- Programming with JavaScript
- Search Engine Optimization
- Google analytics
- Content Management Systems
- Shopping Carts
- Pay Pal and other currency options

General Education Outcomes Supported
- Students develop higher order thinking skills
- Students can achieve mathematical literacy
- Students can use computers proficiently
- Students can employ a variety of sources to locate, evaluate, and use information

Standard Practices

Learning Activities
Learning activities in this course may include class discussions, learning modules / tutorials, and case studies.

Assessments
Assessment in this course will be facilitated through quizzes and a comprehensive final project.

Grading Guidelines
Students in this course will receive grades that adhere to the traditional grading scale:
A (90-100); B (80-89); C (70-79); D (60-69); F (59 & below). Quizzes may be taken twice, and the highest overall score will be recorded. No proctored exams or quizzes required.