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| **ELEMENT** | **CONTENT** |
| DEPARTMENT | CIS |
| AUTHOR (S) | Jean F. Hakim |
| COURSE NUMBER | **CIS 1151** |
| COURSE TITLE | **Website Development** |
| SHORT TITLE | Website Dev |
| COURSE LEVEL | 1000 |
| DATE CREATED | 1/3/2013 |
| CHECKED/CHANGED | 3/1/2017 |
| PREREQUISITES | CIS 2151 |
| COREQUISITES |  |
| RESTRICTIONS |  |
| SPECIAL FEES | No |
| CREDITS | 3 |
| HOURS | 2 hours of lecture, 2 hours of lab per week; online: 3 hours of lecture per week |
| SEMESTER | Fall |
| COURSE DESCRIPTION | This course includes the introduction of webpages for commercial websites including use of and design with Hypertext Markup Language (HTML), text, and graphics; applying appropriate design, color, and art; size and placement of graphics, including image maps, in a webpage; creation of advanced tables, including nested tables; creation of forms that contain advanced input types and attributes, text areas, and advanced lists; and use of a validation tool to debug an HTML document. |
| SUGGESTED TEXTS | *Web Development & Design Foundations with HTML*; Felke-Morris |
| OPTIONAL TEXTS |  |
| COURSE OUTCOMES | The successful student will be able to:   1. Design and build a website using HTML 5 and CSS 3 2. Use CSS best practices for page layout 3. Understand the web development process 4. Integrate multimedia (sound, video, images) into a webpage 5. Understand website analytics 6. Understand the basics of building an e-commerce website |
| COURSE CONTENT | 1. HTML basics 2. CSS 3. Graphics 4. Web design process 5. Page layout with CSS 6. Links, lists, and layout 7. Tables 8. HTML forms 9. Multimedia 10. E-commerce overview |
| LAB/STUDIO OUTCOMES |  |
| LAB/STUDIO CONTENT | 1. HTML basics 2. CSS 3. Graphics 4. Web design process 5. Page layout with CSS 6. Links, lists, and layout 7. Tables 8. HTML forms 9. Multimedia |
| LECTURE CAPACITY | 32/21 |
| LAB CAPACITY | 16/10 |
| GRADED OR P/NP | Graded |
| EVALUATION | Attendance, lab work, exams, written assignments, packet tracer assignments |
| DELIVERY METHOD | LEC, LAB or ONL |
| ROOM REQUIREMENTS | CIS lab for lab |
| AUTHOR’S NOTES |  |