1. **COURSE TITLE\*: HTML 5 Programming**
2. **CATALOG – PREFIX/COURSE NUMBER/COURSE SECTION\*: CSCI 2263**
3. **PREREQUISITE(S)\*:None COREQUISITE(S)\*: None**
4. **COURSE TIME/LOCATION: (*Course Syllabus – Individual Instructor Specific*)**
5. **CREDIT HOURS\*: 3 LECTURE HOURS\*: 2**

**LABORATORY HOURS\*: 1 (2 contact hours) OBSERVATION HOURS\*:**

1. **FACULTY CONTACT INFORMATION: *(Course Syllabus – Individual Instructor Specific)***
2. **COURSE DESCRIPTION\*:**

Students will learn introductory concepts in building Web sites with HTML coding, adhering to HTML 5 standards. During this course students will learn to code links, lists, tables, and other Web page elements. Students will demonstrate formatting using CSS and also acquire beginning knowledge in scripting languages.

1. **LEARNING OBJECTIVES\*:**
2. Articulate how the Internet and World Wide Web function, including client/server structure, ISPs and basic Internet applications
3. Planning a Web site
4. Understand the issues related to interface design for the World Wide Web
5. Explain the nature and functions of Web various Web languages, i.e. HTML, XHTML, XML, CSS, JavaScript
6. Creating Web pages using a text editor and standard Web languages
7. Designing static Web sites including page layout and navigation using a text editor
8. Uploading pages to Web server
9. Accessibility
10. Usability
11. Validating pages
12. Formatting with CSS
13. **ADOPTED TEXT(S)\*:**

*Responsive Web Design with HTML 5 & CSS 9th Edition*

Jessica Minnick

ISBN: 978-0-357-42383-7

**9a: SUPPLEMENTAL TEXTS APPROVED BY FULL TIME DEPARTMENTAL FACULTY (INSTRUCTOR MUST NOTIFY THE BOOKSTORE BEFORE THE TEXTBOOK ORDERING DEADLINE DATE PRIOR TO ADOPTION) \*\*\*.**

1. **OTHER REQUIRED MATERIALS: (SEE APPENDIX C FOR TECHNOLOGY REQUEST FORM.)\*\***
2. **GRADING SCALE\*\*\*:**

Grading will follow the policy in the catalog. The scale is as follows:

A: 90 – 100

B: 80 – 89

C: 70 – 79

D: 60 – 69

F: 0 – 59

1. **GRADING PROCEDURES OR ASSESSMENTS: (*Course Syllabus – Individual Instructor Specific)***

|  |  |  |
| --- | --- | --- |
| *Category* | ***EXAMPLE ONLY***  *Total Points* | *% of Grade* |
| Chapter Assignments (10x30) | 300 | 30% |
| Quizzes (10x20) | 200 | 20% |
| Unit Exams (3x100) | 300 | 30% |
| Assignments (5x10) | 50 | 5% |
| Annual Report Project (100) | 100 | 10% |
| Attendance | 50 | 5% |
| Total | 1000 | 100% |

1. **COURSE METHODOLOGY: (*Course Syllabus – Individual Instructor Specific)***

May include but not limited to: Lectures, independent and group projects, in-class and home assignments, tests, quizzes and lab exercises. This course must be offered on campus. Attendance is required.

1. **COURSE OUTLINE: (*Course Syllabus – Individual Instructor Specific)***

***(EXAMPLE)***

|  |  |  |
| --- | --- | --- |
| **Week** | **Content** | **Learning Objectives** |
| Week 1 | Installation of Software and Introduction Assignment  Unit A – Getting Started with HTML and Unit B – Structuring Content in a Web Document | 1, 2, 3, 4, 5, 6, 7, 10 |
| Week 2 | Exam over Units A and B | 1, 2, 3, 4, 5, 6, 7, 10 |
| Week 3 | Unit C – Getting Started with CSS and Unit D – Laying Out Elements with CSS | 3, 4, 5, 6, 7, 9, 10, 11 |
| Week 4 | Exam over Units C and D | 3, 4, 5, 6, 7, 9, 10, 11 |
| Week 5 | Unit E – Formatting Text with CSS and Unit F – Inserting and Working with Links | 3, 4, 5, 6, 7, 9, 10, 11 |
| Week 6 | Exam over Units E and F | 3, 4, 5, 6, 7, 9. 10, 11 |
| Week 7 | Unit G – Inserting and Working with Images and Unit H – Organizing Content with Lists and Tables | 3, 4, 5, 6, 8, 9, 10, 11 |
| Week 8 | Exam over Units G and H | 3, 4, 5, 6, 8, 9, 10, 11 |
| Week 9 | Unit I – Implementing Responsive Design and Unit J – Creating and Processing Web Forms | 1, 3, 4, 5, 6, 9, 10, 11 |
| Week 10 | Exam over Units I and J | 1, 3, 4, 5, 6, 9, 10, 11 |
| Week 11 | Unit K – Creating Visual Effects and Animation and Unit L – Incorporating Video and Audio | 3, 4, 5, 6, 7, 8, 9, 10, 11 |
| Week 12 | Exam over Units K and L | 3, 4, 5, 6, 7, 8, 9, 10, 11 |
| Week 13 | Unit M – Programming Web Pages with JavaScript and Unit N – Integrating Social Media | 1, 4, 5, 6, 7, 9, 10, 11 |
| Week 14 | Exam over Units M and N | 1, 4, 5, 6, 7, 9, 10, 11 |
| Week 15 | Unit O – Optimizing Your Website for Search Engines and Unit P – Testing and Improving Performance | 1, 7, 8, 9, 10, 11 |
| Week 16 | Exam over Units O and P | 1 , 7, 8, 9, 10, 11 |

**15. SPECIFIC MANAGEMENT REQUIREMENTS\*\*\*:**

**16. FERPA:\***

Students need to understand that your work may be seen by others. Others may see your work when being distributed, during group project work, or if it is chosen for demonstration purposes. Students also need to know that there is a strong possibility that your work may be submitted to other entities for the purpose of plagiarism checks.

**17. DISABILITIES:\***

Students with disabilities may contact the Disability Services Office, Central Campus, at 800-628-7722 or 937-393-3431.

**18. OTHER INFORMATION\*\*\*:**

**SYLLABUS TEMPLATE KEY**

**\*** Item cannot be altered from that which is included in the master syllabus approved by the Curriculum Committee.

**\*\*** Any alteration or addition must be approved by the Curriculum Committee

**\*\*\*** Item should begin with language as approved in the master syllabus but may be added to at the discretion