Critical Path

CPAN134: Web Programming and Design

The Critical Path is the calendar, timeline or weekly course schedule. It is an important document that lays out weekly objectives that you, the student, are responsible for to ensure academic success. You are strongly advised to print out a copy of the Critical Path and to refer to it regularly.

**Required Book :**

Terry Felke-Morris. (2017). Web Development and Design Foundation in HTML 5 (8e). Pearson Education.

Julie C. Meloni. (2015). HTML, CSS and JavaScript All in One, Sams Teach Yourself: Covering HTML5, CSS3, and jQuery. Pearson

Education.

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| Weeks | Topics, Readings, and Activities | Due Dates | Weight |
| Week 1  (Sep-5) | Introduction to course   * Review course objectives, topics, assignments, policies * Introduction to World Wide Web * Reading: Chapter 1 | Lab -1 | 2% |
| Week 2  (Sep-12) | Layout Design and Navigation   * XHTML/HTML5 * Display tags, text formatting   Reading: Chapter 2 | Project Task List |  |
| Week 3  (Sep-19) | * HTML 5 semantic element * div, span * links, list and images * CSS to format the elements * HTML tables * Audio and video elements   Reading: Chapter 4,7,8 | Lab -2  Quiz-1  Assignment -1(HTML ) published  **Project Phase 1 Published** | 2%  5%  5% |
| Week 4  (Sep-26) | Forms   * Form controls * HTML 5 form controls   Reading: Chapter 7,9 | Lab -3  Quiz-2 | 2%  5% |
| Week 5  (Oct-3) | CSS   * CSS box model * CSS for page layout * Floating CSS Box * model and positioning CSS page   Reading: Chapter 3,4,5,6,7 | Lab -4 | 2% |
| Week 6  (Oct-10) | CSS   * layout design * Reading: Chapter 3,4,5,6,7   **project work and feed back** | Lab -5  Assignment -2 published (CSS )  **Project Phase -1 Due**  **Project Phase 2 Published** | 2%  5%  10% |
| Week 7  (Oct-17) | JavaScript   * JavaScript introduction * Primitive data types   Reading: Chapter 11,14 | Lab -6  Quiz-3 | 2%  5% |
| (Oct-24) | **Reading week no classes** |  |  |
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| Week 8  (Oct-31) | JavaScript   * Arrays * type declarations * Embedded scripts * If, for, while, do and switch   Reading: Chapter 11,14 | Lab -7 | 2% |
| Week 9  (Nov-07) | Java script   * Functions and objects * DOM   Reading: Chapter 11,14 | Quiz-4  Lab -8  Assignment -3 published (Java Script ) | 5%  2%  5% |
| Week 10  (Nov-14) | * project work and feed back | **Project Phase 2 Due** | 10% |
| Week 11  (Nov-21) | |  |  | | --- | --- | |  | jQuery   * Introduction to jQuery * jQuery selectors   Reading: Chapter 14 | | Lab -9  **Project Phase 3 Published** | 2% |
| Week 12  (Nov-28) | jQuery   * jQuery events * jQuery effects * jQuery HTML/CSS | Quiz -5  Assignment-4  Lab-10 | 5%  5%  2% |
| Week 13  (Dec-5) | HTML5   * HTML 5 and advanced presentation * Canvas and Geolocation * Reading: Chapter 11 | Quiz -6 | 5% |
| Week 14  (Dec-12) | Final submissions and presentations for projects | Project Phase 3 Due | 10% |

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| **Summary** | **Total** |
| Quizzes (Total 6) | 30 % |
| Labs(Total 10) | 20% |
| Assignments (Total 4) | 20 % |
| Project Phases (Total 3) | 30 % |

**Late assignment/project/lab submission**:

**Late assignment/project penalty:** Work submitted after the deadline will lose 5% off of the total final grade each day for up to 5 business days (maximum penalty of 25%). Work submitted after 5 business days will be graded as 0. In exceptional scenario like illness, you need to contact  professor as soon as possible. If you have proper documentation then extension will be given to you .

* **Late Lab penalty:** Moreover Labs and in-class activities designed to be undertaken and submitted in class must be completed within the class period as assigned. Extensions are not given for this type of assessment. If a student is absent, the grade for this work is “0”. There is no makeup option.
  + In rare cases, when a student is absent with a documented reason, student may receive a “null” for this work at the discretion of the professor.