

Recommended Sequence of Courses

Program of Study: Web Programmer Certificate

Department: Computer Studies

Coordinator: Jeffrey Diamond (707) 527-4990

Effective: Fall 2015

| Course Number | Course Title | Units | Semester Offered | Prerequisites | Day | Evening | Online |
|--|--|-------------|----------------------|-------------------------------|-----|---------|--------|
| First Semester (Fall) | | | | | | | |
| CS 50A | Web Development 1 | 3 | Fall, Spring, Summer | | X | X | X |
| | Programming Elective (CS 10, CS 19.11A/B, CS 19.21A/B, CS 17.11) | 3 | Fall, Spring, Summer | | X | X | |
| CS 81.21 | Introduction to UNIX | 3 | Fall, Spring, Summer | | X | X | X |
| First Semester Unit Total: | | 9.0 | | | | | |
| Second Semester (Spring) | | | | | | | |
| CS 50B | Web Development 2 | 3 | Fall, Spring | CS 50A | X | X | X |
| Cs 81.62 | Relational Database Concepts and Structured Query Language | 3 | Fall, Spring | CS 50A | X | X | |
| CS 57.11 | Introduction to Social Media | 3 | Fall, Spring | | X | X | |
| Second Semester Unit Total: | | 9.0 | | | | | |
| Third Semester (Fall) | | | | | | | |
| CS 50C | Web Development 3 | 3 | Fall, Spring | CS 50B | X | X | |
| CS 55.11 | Programming Webpages with JavaScript, jQuery, and AJAX | 3 | Fall, Spring | Any programm | X | X | |
| CS 55.13 | PHP Programming | 3 | Fall | Any 3+ unit programming class | | | |
| Third Semester Unit Total: | | 9.0 | | | | | |
| Fourth Semester (Spring) | | | | | | | |
| CS 50.32 | Web/Interactive Media Projects | 4 | Fall, Spring | see catalog | | | |
| Fourth Semester Unit Total: | | 4.0 | | | | | |
| Minimum units to meet program requirements: | | 31.0 | | | | | |

Notes: * = Every Other Semest

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