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| **Housatonic Community College**  Course Selection Guide for **2012-2013****Computer Information Systems:  Web Development Option**  Associate in Science Degree  (Banner code: EB63)**(Must be printed and filled out manually)**  |
| Name  | Banner ID No. |
| Address | Program Entry Date |
|   | Advisor |

**Placement Assessment:**

|  |  |  |  |
| --- | --- | --- | --- |
| MAT\* 075 (DS091) \_\_\_\_\_  | MAT\* 095 (DS095) \_\_\_\_\_  | DS099 \_\_\_\_\_  |   |
| ENG\* 003(DS010) \_\_\_\_\_  | ENG\* 013 (DS050) \_\_\_\_\_  | ENG\* 043 (EN100R) \_\_\_\_ | ENG\* 073 (DS 011) \_\_\_\_\_  |

**Program Requirements :**

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| --- | --- | --- | --- | --- | --- |
| SemesterTaken | CourseNo.  | Grade  | Course Number (Previous No.)  | Course Title  | Credits |
| ***Freshman Year*** |
|   |   |   | **ENG\* E101** (EN 101)  | Composition  | 3  |
|   |   |   | **Mathematics** **1**  | Elective  | 3 - 4  |
|   |   |   | **CSC \*E105**  | Programming Logic  | 3  |
|   |   |   | **CST\* E150** (CS 109)  | Web Design and Development I  | 3  |
|   |   |   | **CSA\* E220** (CS 118)  | Web Graphics  | 3  |
|   |   |   | **ENG\* E102** (EN 102)  | Literature & Composition  | 3  |
|   |   |   | **CSC\* E231**  | Database Design I  | 3  |
|   |   |   | **Computer Science** **4**  | Elective  | 3 - 4  |
|   |   |   | **Behavioral Science** **3**  | Elective  | 3  |
|   |   |   | **Humanities** **3**  | Elective  | 3  |
| ***Sophomore Year*** |
|   |   |   | **Fine Arts** **3**  | Elective  | 3  |
|   |   |   | **CST\* E250** (CS 204)  | Web Design and Development II  | 3  |
|   |   |   | **Computer Science** **4**  | Elective  | 3 - 4  |
|   |   |   | **Science** **3**  | Elective  | 3 - 4  |
|   |   |   | **CSC\* E268**  | Client-Side Programming  | 4  |
|   |   |   | **CSC\* E269**  | Server-Side Programming  | 4  |
|   |   |   | **Computer Science** **2**  | Elective  | 3 - 4  |
|   |   |   | **ECN\* E101** (EC 204) or ECN\* E102  | Principles of Macro-Economics  | 3  |
|   |   |   | **CST\* E210**  | Operating Systems  | 3  |
|   |   |   | **BBG\* E210** (BU 211)  | Business Communication (Spring and Summer only)  | 3  |
| **Total Credits**  | 62 - 67 |

**1** Must be one of the following: MAT\* E137, MAT\* E186, or MAT\* E254**2** This elective MUST be a programming language course.**3** Electives should be chosen in consultation with your CIS Academic Advisor.**4** Computer Science electives must be selected in consultation with the program advisor based on the student's concentration: e.g., applications, hardware, programming, networking, or web design.  |

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