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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 :**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Semester Taken | Course No. | 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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