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| |  |  | | --- | --- | | **Housatonic Community College**  Course Selection Guide for **2011-2012** **Computer Information Systems:  Parent Program**  Associate in Science Degree  (Banner code: EB60) **(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) | □ ENG\* 093 |   **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 | |  |  |  | **CSA\* E106** (CS 105) | Introduction to Computer Applications | 4 | |  |  |  | **CST\* E145** (CS 130) | Digital Circuits and Logic | 4 | |  |  |  | **CSC \*E105** | Programming Logic | 3 | |  |  |  | **ENG\* E102** (EN 102) | Literature & Composition | 3 | |  |  |  | **CSC\*** | Progamming Language Elective | 3 - 4 | |  |  |  | **CST\* E184** (CS 240) | Network Administration I | 3 | |  |  |  | **Behavioral Science** | Elective (PSY\*, SOC\*, ANT\*) | 3 | |  |  |  | **Humanities** | Elective | 3 | | ***Sophomore Year*** | | | | | | |  |  |  | **Fine Arts** | Elective | 3 | |  |  |  | **CST\* E150** (CS 109) | Web Design and Development I (CSA\*, CSC\*, CST\*) | 3 | |  |  |  | **CST\* E210** | Operating Systems | 3 | |  |  |  | **Science** | Elective | 3 - 4 | |  |  |  | **CSC\* E231** | Database Design I (CSA\*) | 3 | |  |  |  | **CST\* E231** (CS 206) | Data Communications & Networks | 3 | |  |  |  | **ECN\* E101** (EC 204)  or ECN\* E102 | Principles of Macro-Economics | 3 | |  |  |  | **Computer Science (2 courses)** **2** | Electives | 6 - 7 | |  |  |  | **BBG\* E210** (BU 211) | Business Communication (Spring and Summer only) | 3 | | **Total Credits** | | | | | 62 - 66 |   **1** Must be one of the following: MAT\* E137, MAT\* E186, MAT\* E254 **2** Computer Science electives must be selected in consultation with the program advisor based on the student's concentration, e.g., applications, hardware, programming, or networking. See CIS certificate program. |

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