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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 :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SemesterTaken | CourseNo.  | 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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