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| |  |  | | --- | --- | | **Housatonic Community College**  Course Selection Guide for **2011-2012** **Liberal Arts & Sciences:  Computer Science Concentration**  Associate in Arts Degree  (Banner code: EB38) **(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 | |  |  |  | **HIS\* E101** (HI 103)  or HIS\* E102 | Western Civilization I | 3 | |  |  |  | **Science** **2** | Elective | 3 - 4 | |  |  |  | **CSC\* E106** (CS 107) | Structured Programming | 3 | |  |  |  | **ENG\* E102** (EN 102) | Literature & Composition | 3 | |  |  |  | **Mathematics** **1** | Elective | 3 - 4 | |  |  |  | **Science** **2** | Elective | 3 - 4 | |  |  |  | **CST\* E145** (CS 130) | Digital Circuits and Logic | 4 | |  |  |  | **CSC\* E107** (CS 108) | Structured Programming II | 3 | | ***Sophomore Year*** | | | | | | |  |  |  | **Fine Arts** | Elective | 3 | |  |  |  | **Mathematics** **1** | Elective | 3 - 4 | |  |  |  | **CSC\* E240** (CS 200) | Data Structures | 3 | |  |  |  | **Humanities** **4** | Elective | 3 | |  |  |  | **Social Science** | Elective (ECN\*, GEO\*, POL\*, HIS\*) | 3 | |  |  |  | **Computer Science** **3** | Elective | 3 - 4 | |  |  |  | **Behavioral Science** | Elective (PSY\*, SOC\*, ANT\*) | 3 | |  |  |  | **Humanities** **4** | Elective | 3 | |  |  |  | **Open (2 courses)** | Electives | 6 | | **Total Credits** | | | | | 61 - 67 |   **1** At least 3 mathematics courses from the following: MAT\* E186, MAT\* E254, MAT\* E256, MAT\* E268, MAT\* E285 **2** Any 4-credit science course. **3** Three credits from CSC\* E205, CSC\* E208, CSC\* E223, CST\* E184, or CST\* E231 **4** One year of foreign language is recommended. NOTE: A minimum of 15 credits must be taken in 200-level courses. Note: For degree completion the student must complete the Computer Literacy Requirement. |

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