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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 :**

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