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| |  |  | | --- | --- | | **Housatonic Community College** 2005-2006 Course Selection Guide for  **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) \_\_\_\_\_ |   **Program Requirements :**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Semester Taken | Course No. | Grade | Course Number (Previous No.) | Course Title | Credits | | ***Freshman Year*** | | | | | | |  |  |  | ENG\* E101 (EN 101) | Composition | 3 | |  |  |  | MAT\* E137 (MA 115) | Intermediate Algebra | 3 | |  |  |  | ***or*** MAT\* E186 (MA 130) | Precalculus (4 credits) |  | |  |  |  | ***or*** MAT\* E254 (MA 201) | Calculus I (4 credits) |  | |  |  |  | CSA\* E106 (CS 105) | Introduction to Computer Applications | 4 | |  |  |  | CST\* E145 (CS 130) | Digital Circuits and Logic | 4 | |  |  |  | Computer Science**2** | Elective (CSA\*, CSC\*, CST\*) | 3 | |  |  |  | ENG\* E102 (EN 102) | Literature & Composition | 3 | |  |  |  | CSC\* E205 (CS 111) | Visual Basic I | 3 | |  |  |  | Computer Science Apps (CSA\*)**1** | Elective | 3 | |  |  |  | Behavioral Science | Elective (PSY\*, SOC\*, ANT\*) | 3 | |  |  |  | Humanities | Elective | 3 | | ***Sophomore Year*** | | | | | | |  |  |  | Fine Arts | Elective | 3 | |  |  |  | Computer Science (2 courses)**2** | Electives (CSA\*, CSC\*, CST\*) | 6-7 | |  |  |  | Science | Elective | 3-4 | |  |  |  | Computer Science Apps (CSA\*)**1** | Elective (CSA\*) | 3 | |  |  |  | CST\* E231 (CS 206) | Data Communications & Networks | 3 | |  |  |  | ECN\* E101 (EC 204) | Principles of Macro-Economics | 3 | |  |  |  | ***or*** ECN\* E102 (EC 203) | Principles of Micro-Economics (3 credits) |  | |  |  |  | Computer Science (2 courses)**2** | Electives | 6-7 | |  |  |  | BBG\* E210 (BU 211) | Business Communication | 3 | |  |  |  |  |  |  | |  |  |  |  |  |  | | **Total Credits** | | | | | 62-66 |   **1** Application electives are BOT\* E137, BOT\* E215, CSA\* E163, CSA\* E153, CSA\* E135, CSA\* E145, CSA\* E205 and other application courses as they are created.  **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 networking courses and certificate programs for lists of applicable courses. |

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