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| |  |  | | --- | --- | | **Housatonic Community College** 2005-2006 Course Selection Guide for  **College of Technology Pathway Program:  Engineering Science Option**  Associate in Science Degree  (Banner code: EB16)    **(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 | |  |  |  | MAT\* E254 (MA 201) | Calculus I | 4 | |  |  |  | MAT\* E256 (MA 202) | Calculus II | 4 | |  |  |  | MAT\* E268 (MA 203) | Calculus III: Multivariable | 4 | |  |  |  | MAT\* E285 (MA 204) | Differential Equations | 3 | |  |  |  | PHY\* E121 (PH 101) | General Physics I | 4 | |  |  |  | PHY\* E122 (PH 102) | General Physics II | 4 | |  |  |  | CHE\* E121 (CH 121) | General Chemistry I | 4 | |  |  |  | CHE\* E122 (CH 122) | General Chemistry II | 4 | |  |  |  | ENG\* E101 (EN 101) | Composition | 3 | |  |  |  | ENG\* E102 (EN 102) | Literature & Composition | 3 | |  |  |  | CSC\* E270 (CS 113) | FORTRAN Programming | 3 | |  |  |  | ***or*** CSC\* E280 (CS 115) | Pascal Programming (3 credits) |  | |  |  |  | Open (total) | Electives | 15 | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | | **Total Credits** | | | | | 64 |   NOTE: Not all courses are offered at HCC. NOTE: For students interested in Chemical Engineering, Computer Science and Engineering, or Electrical Engineering, additional technical coursework is needed prior to the junior year in the UConn curriculum. This coursework may be completed at one of the regional UCONN campuses while progressing through the Pathway Program or may be obtained through the use of the electives prescribed in the core listed above. |

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