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| **Housatonic Community College** 2006-2007 Course Selection Guide for **College of Technology Pathway Program:  Technology Studies: Industrial Technology Option**  Associate in Science Degree  (Banner code: EA08)    **(Must be printed and filled out manually) Read General Program Information Here**  |
| 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 :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SemesterTaken | CourseNo.  | Grade  | Course Number (Previous No.)  | Course Title  | Credits |
| ***Freshman Year*** |
|   |   |   | **ENG\* E101** (EN 101) | Composition  |   3  |
|   |   |   | **MAT\* E137** (MA 115) | Intermediate Algebra  |   3  |
|   |   |   | **CSA\* E106** (CS 105) | Introduction to Computer Applications  |   4  |
|   |   |   | **CAD\* E133** (MFT\* E105) | CAD Mechanical AutoCad  |   3  |
|   |   |   | **HIS\* E101** (HI 103) | Western Civilization I  |   3  |
|   |   |   |      or  ***HIS\* E102* (HI 104)** |     Western Civilization II (3 credits)  |      |
|   |   |   | **ENG\* E102** (EN 102) | Literature & Composition  |   3  |
|   |   |   | **MAT\* E186** (MA 130) | Precalculus  |   4  |
|   |   |   | **CHE\* E111** (CH 110) | Concepts of Chemistry  |   4  |
|   |   |   |      or  ***CHE\* E121*** (CH 121) |     General Chemistry I (4 credits)  |      |
|   |   |   | **COM\* E173** (CM 201) | Public Speaking  |   3  |
|   |   |   | **MFG\* E102** (MFT\* E110) | Manufacturing Processes  |   3  |
| ***Sophomore Year*** |
|   |   |   | **BBG\* E101** (BU 110) | Introduction to Business  |   3  |
|   |   |   | **MFG\* E209** (MFT\* E200) | Engineering Processes  |   3  |
|   |   |   | **MFG\* E230** (MFT\* E130) | Statistical Process Control (SPC)  |   3  |
|   |   |   | **PHY\* E121** (PH 101) | General Physics I  |   4  |
|   |   |   |      or  ***PHY\* E221*** (PH 205) |     Calculus-Based Physics I (4 credits)  |      |
|   |   |   | **ECN\* E102** (EC 203) | Principles of Micro-Economics  |   3  |
|   |   |   | **MFG\* E120** (MFT\* E210) | Metrology  |   3  |
|   |   |   | **MFG\* E226** (MFT\* E220) | Environmental, Safety, and Health Management  |   3  |
|   |   |   | **Fine Art/Humanities**  | Elective  |   3  |
|   |   |   | **BBG\* E281**  | Writing and Research for Business and Industry  |   3  |
|   |   |   | **MFG\* E258** (MFT\* E240) | Computer Numeric Control (CNC)  |   3  |
|   |   |   | **SOC\* E101** (SO 101) | Principles of Sociology  |   3  |
| **Total Credits**  | 67 |

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