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| **Housatonic Community College**  Course Selection Guide for **2012-2013****College of Technology Pathway Program:  Technology Studies: Industrial Technology Option**  Associate in Science Degree  (Banner code: EF19)**(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 :**

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| --- | --- | --- | --- | --- | --- |
| 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  |
|   |   |   | **History**  | Elective  | 3  |
|   |   |   | **ENG\* E102** (EN 102)  | Literature & Composition  | 3  |
|   |   |   | **MAT\* E186** (MA 130)  | Precalculus  | 4  |
|   |   |   | **CHE\* E111** (CH 110) or CHE\* E121  | Concepts of Chemistry  | 4  |
|   |   |   | **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) or PHY\* E221  | General Physics I  | 4  |
|   |   |   | **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 in Business and Industry  | 3  |
|   |   |   | **MFG\* E258** (MFT\* E240)  | Computer Numeric Control (CNC)  | 3  |
|   |   |   | **SOC\* E101** (SO 101)  | Principles of Sociology  | 3  |
| **Total Credits**  | 67 |

**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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