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| |  |  | | --- | --- | | **Housatonic Community College**  Course Selection Guide for **2011-2012** **College of Technology Pathway Program:  Technology Studies: Industrial Technology Option**  Associate in Science Degree  (Banner code: EA08) **(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 :**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 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 | |  |  |  | **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: For degree completion the student must complete the Computer Literacy Requirement. |

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