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| **Housatonic Community College**  Course Selection Guide for **2014-2015****Manufacturing Certificate:  Advanced Manufacturing Machine Technology**    (Banner code: EK60)**(Must be printed and filled out manually)**  |
| Name  | Banner ID No. |
| Address | Program Entry Date |
|   | Advisor |

**Placement Assessment:**

|  |  |  |  |
| --- | --- | --- | --- |
| **MAT\* E095I** \_\_\_ | **ENG\* E092I**\_\_\_\_\_  | **ENG\* E094I** | **DS E099**\_\_\_\_\_  |
| **MAT\* E095**\_\_ | **ENG\* 092** \_\_\_\_\_ (ENG\* 073) | **ENG\* E094**\_\_\_\_\_ (ENG\* E093)  |   |

**Program Requirements :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SemesterTaken | CourseNo.  | Grade  | Course Number (Previous No.)  | Course Title  | Credits |
|   |   |   | **MFG\* E124**  | Blueprint Reading I  | 2  |
|   |   |   | **MFG\* E151**  | Manufacturing Machinery – Drill Press and Saw  | 1  |
|   |   |   | **MFG\* E152**  | Manufacturing Machinery – Grinding  | 2  |
|   |   |   | **MFG\* E153**  | Manufacturing Machinery – Benchwork  | 2  |
|   |   |   | **MFG\* E154**  | Manufacturing Machinery – Lathe I  | 2  |
|   |   |   | **MFG\* E155**  | Manufacturing Machinery – Milling I  | 2  |
|   |   |   | **MFG\* E156**  | Manufacturing Machinery – CNC I  | 2  |
|   |   |   | **MFG\* E105**  | Manufacturing Math II  | 3  |
|   |   |   | **MFG\* E125**  | Blueprint Reading II  | 3  |
|   |   |   | **QUA\* E114**  | Principles of Quality Control  | 3  |
|   |   |   | **MFG\* E254**  | Manufacturing Machinery –Lathe II  | 3  |
|   |   |   | **MFG\* E255**  | Manufacturing Machinery –Milling II  | 3  |
|   |   |   | **MFG\* E256**  | Manufacturing Machinery –CNC II  | 3  |
|   |   |   | **CAD\* E110**  | Course Title : Introduction to CAD  | 3  |
| **Total Credits**  | 34 |

\* Additional non-credit courses are included in the curriculum. The non-credit classes include, Manufacturing Math I (MFT E5008) Introduction to Lean Manufacturing (MFT E5009), Metrology (MFT E5010), Computer Applications (MFT E5011), Career Awareness (MFT E5012), Solidworks (MFT E5013) and CMM (MFT E5014). Note: Test-out opportunities from the non-credit Manufacturing Math I and the non-credit Computer Applications are available.  |

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