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| **Housatonic Community College**  Course Selection Guide for **2013-2014****Manufacturing Certificates:  Basic Manufacturing: Machine Technology Level I**    (Banner code: EJ83)**(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 :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SemesterTaken | CourseNo.  | Grade  | Course Number (Previous No.)  | Course Title  | Credits |
|   |   |   | **CAD\* E110**  | Course Title : Introduction to CAD  | 3  |
|   |   |   | **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  |
| **Total Credits**  | 16 |

\* Additional non-credit courses are included in the curriculum. For the Basic Level I Certificate these include: Manufacturing Math I (MFT E5008), Intro to Lean Manufacturing (MFT E5009), Metrology (MFT 5010), Computer Applications (MFT E5011), and Career Awareness (MFT E 5012).  |

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