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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 :**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Semester Taken | Course No. | 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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