***Manchester Community College***

**Program Revision Proposal**

**Course/Program Name:**

**Submitted By:**  **Submission Date:**

**Department: Division:**

**Program Changes:**

**[ ]  Program Revision Less than 20%**

**[ ]  Program Revision 20% or greater**

**[ ]  Program Suspension**

**[ ]  Other**

**\*Note: Revisions of 20% or greater require BOR approval.**

**Attachment: (required)**

 **[ ]  Program Curriculum (before and after change clearly indicated)**

**Description of Change:**

* Describe the specific change. Please be explicit and fully describe any and all changes. For course changes, please provide language before and after change.

**Justification for Change:**

* Specifically describe the reason(s) for the change.

**Department/Division affected by change:**

**[ ]  Liberal and Creative Arts** **[ ]  Science, Technology, Engineering & Math**

 **[ ]  Social Science, Business & Professional Careers**

**Approvals:**

**Department \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_**

**Division \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_**

**Curriculum \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_**

**Academic Senate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_**

**Academic Dean \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_**

Manufacturing Engineering Technology, A.S.

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| --- | --- | --- | --- | --- | --- | --- |
| Current |  | Cr. |  | Proposed |  | Cr. |
| EGR\*111 | Introduction to EngineeringSAMPLE | 3 |  | EGR\*111 | Introduction to Engineering | 3 |
| MAT\*186 | Precalculus Mathematics | 4 |  | MAT\*186 | Precalculus Mathematics | 4 |
| Gen Ed | CHE\*121: General Chemistry | 4 |  | CAD\*110 | Introduction to CAD | 3 |
| EGR\*112 | Engineering Drawing Specs | 3 |  | EGR\*112 | Engineering Drawing Specs | 3 |
| Gen Ed | Eng\*101: Composition | 3 |  | Gen Ed | Eng\*101: Composition | 3 |
|  |  | **17** |  |  |  | **16** |
| MFG\*239 | Geometric Dim & Toleranc. | 3 |  | MFG\*239 | Geometric Dim & Toleranc. | 3 |
| PHY\*121 | General Physics I | 4 |  | Gen Ed | PHY\*121: General Physics I | 4 |
| EGR\*230 | C++ for Engineers | 3 |  | EGR\*230 | C++ for Engineers | 3 |
| MFG\*230 | Statistical Process Control | 3 |  | MFG\*230 | Statistical Process Control | 3 |
| Gen Ed | COM\*173: Public Speaking | 3 |  | Gen Ed | COM\*173: Public Speaking | 3 |
|  |  | **16** |  |  |  | **16** |
| MAT\*254 | Calculus I | 4 |  | MAT\*254 | Calculus I | 4 |
| PHY\*122 | General Physics II | 4 |  | PHY\*122 | General Physics II | 4 |
| MFG\*111 | Mfg. Materials & Processes I | 3 |  | MFG\*111 | Mfg. Materials & Processes I | 3 |
| MAT\*165 | El. Statistics with Comp. Apps | 4 |  | MAT\*165 | El. Statistics with Comp. Apps | 4 |
| Gen Ed | Mode 1 | 3 |  | Gen Ed | Mode 1 | 3 |
|  |  | **18** |  |  |  | **18** |
| EGR\*211 | Engineering Statics | 3 |  | EGR\*211 | Engineering Statics | 3 |
| EET\*108 | AC/DC Circuit Analysis | 4 |  | EET\*108 | AC/DC Circuit Analysis | 4 |
| MFG\*112 | Mfg Materials & Processes II | 3 |  | MFG\*112 | Mfg Materials & Processes II | 3 |
| CAD\*110 | Introduction to CAD | 3 |  | MFG\*202 | Principles of CNC with MasterCAM | 3 |
| Gen Ed | PSY\*247: Ind. Org. Behavior | 3 |  | Gen Ed | PSY\*247: Ind. Org. Behavior | 3 |
|  |  | **16** |  |  |  | **16** |
|  | Minimum Credits Required | **67** |  |  | Minimum Credits Required | **66** |
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