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## **MANUFACTURING TECHNOLOGY**

### **Additive Manufacturing Certificate**

*This 16 credit-hour certificate program is designed to provide students with the knowledge and skills necessary to gain entry-level employment in the additive manufacturing industry. This certificate focuses on print reading, computer drafting and 3D modeling, and an introduction to the fundamentals of additive manufacturing. Students will design and print parts using 3D modeling software and 3D printers.*

| <b>Number</b> | <b>Course Title</b>                             | <b>Credits</b> |
|---------------|---|----------------|
| EGR 120       | Engineering Graphics I (CAD) <sup>1</sup> ..... | 4              |
| MFT 102       | Introduction to Manufacturing and Safety .....  | 4              |
| MFT 134       | Print Reading for Industry .....                | 3              |
| MFT 210       | Computer Integrated Manufacturing .....         | 3              |
| MFT 230       | Additive Manufacturing .....                    | 2              |

<sup>1</sup> EGR 120 has a Geometry prerequisite. Students may either use placement testing or MTH 070 (or equivalent) to register. <https://www.harpercollege.edu/testing/mathplacement.php>