
Job Title	Advanced Manufacturing Curriculum Developer
PVN ID	LA-2112-004435
Category	Instruction and Social Service
Location	LAGUARDIA C. C.
Department	Career and Professional Programs
Status	Part Time
Hourly Rate	\$75.00
Hour(s) a Week	10.00-15.00
Closing Date	Feb 08, 2022 (Or Until Filled)

General Description

LaGuardia Community College's Division of Continuing Education's Career and Professional Program (CAPP) in partnership with New York City Small Business Services (SBS), is seeking part-time curriculum developers to develop curriculum for the hybrid Advanced Manufacturing Apprenticeship program

The learning outcomes for this training will be focused on providing technical and on-the-job skills in the advanced manufacturing field.

Responsibilities:

- Develop a detailed curriculum for the following topics based on the areas of expertise:
 - Foundations: Hand Tools & Power Tools
 - Foundations: Blueprint reading & Blueprint drawing
 - Introduction to Woodworking
 - Principles of Sustainable Manufacturing
 - Welding
 - 3D Printing and Additive Manufacturing
 - Metal Fabrication
 - Laser Cutting
 - Computer Numerical Controlled (CNC) Machining
 - Factory workflows.
 - Use and adapt to Computer Aided Design (CAD), Computer Aided Manufacturing (CAM), and Computer Numeric Control (CNC) machinery.
- Develop detailed lesson plans, PPTs, hand-outs, and other supplemental materials required for the curriculum, so that another instructor could pick up the material and teach it without extensive independent preparation.
- Meet with employer and industry partner for feedback on the skills, competencies, and credentials required for employment in advanced manufacturing.

Other Duties

Qualifications

- Minimum of 5 years' experience in the advanced manufacturing field.
- College Degree
- Ability to analyze and synthesize complex content
- Exceptional writing skills needed to write procedures, produce comprehensive course content, facilitator, and participant guides.
- Curriculum development experience
- Teaching experience a plus

You may be asked to provide a sample of previous curriculum developed and professional references after interview.