

**Valencia College Advanced Manufacturing Programs (AMP)  
Subject Matter Expert (SME) Curriculum Review Form  
Training Programs-Non-Credit**

Thank you for agreeing to be a SME reviewer for curriculum developed through Valencia College’s Advance Manufacturing Program, funded by the US Department of Labor’s Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant. In compliance with grant requirements, AMP must identify a SME with demonstrated experience in developing and/or implementing similar training and educational deliverables. SME’s review of course curriculum will be documented utilizing the rubric provided. Upon completion, both the curriculum reviewed and the completed rubric will be uploaded to SkillsCommons.org, a repository for all grantees to share curriculum and resources created with grant funding. Please follow the steps provided below:

**Step 1: Program and Reviewer Information**

<b>Program/Course</b>	Mechatronics
<b>Reviewed By</b>	Bryan Bishop
<b>Date</b>	9/17/18

**Step 2: Reviewer Credentials**

*Please provide a thorough overview of your credentials and qualifications.*

<b>Credentials</b> <i>(certificates, degrees, industry certifications)</i>	Bachelor Degree in Business Management, Lean Six Sigma Green Belt
<b>Professional Qualifications</b>	16 years in Food and Beverage Management. Specializing in Packaging Equipment and Operation. Currently an Ops Staff Member for Pepsico (Frito Lay Orlando).

**Step 3: Complete the Rubric**

*Please review the curriculum provided utilizing the rubric on the following pages. For each item, provide a rating. The SME reviewer is required to provide general comments, strengths and/or recommendations for each rating, in order to help other grantees incorporate the recommended changes into the pre-existing curriculum for their use. The following identifies the scale definitions within the rubric:*

- Exceptional:** Content is robust and rigorous. Content utilizes “best practices” for instruction.
- Effective:** Content is complete with only small tweaks that may need to be made.
- Acceptable:** Content is adequate but there are opportunities for improvement.
- Developing:** Content is weak and requires significant improvement.
- N/A:** Content has not been provided/does not apply for a given section.

### Section A: Syllabus and/or Course Outline

Materials that are given and/or displayed to the student at the beginning of class that provide an overview of the course

	Exceptional	Effective	Acceptable	Developing	N/A
Initial course information is easily identifiable (course title, course description, objectives/outcomes, credit hours, textbook(s) used, etc.)		X			
Course includes objectives and/or outcomes that relate to the course and are appropriate for the course		X			
Course objectives and/or outcomes are measurable		X			
Assessment methods are described (grading policy, grading scale, types of assessments, etc.)		X			
Course schedule is outlined and appropriately paced	X				

#### General Comments, Strengths, and/or Recommendations:

Looks pretty straight forward

### Section B: Instructional Materials and Design

Materials the instructor uses to teach the course (ex: PowerPoint, informational handouts, videos, media, etc.)

	Exceptional	Effective	Acceptable	Developing	N/A
Materials relate to course objectives and/ or outcomes	X				
Materials are presented in an appropriate format for the learner to understand (ex: language is at a level that is easily understandable, sufficient information has been provided for the learner to understand a concept, visuals have been provided as needed, concepts can be connected to real-world examples, etc.)		X			
Instruction follows a logical format. The instruction and materials are appropriately organized and provide clear structure.	X				
Instruction and materials reflect direct application to current industry standards and practices		X			
Provides option(s) for multiple learning styles in order to engage students		X			
Materials are aesthetically pleasing		X			
Materials are appropriately cited		X			

#### General Comments, Strengths, and/or Recommendations:

Very good use of real world materials. We want the students to get as much "hands on" training as possible.

### Section C: Learning Activities

*Activities utilized to engage students to learn a specific concept(s)*

	<i>Exceptional</i>	<i>Effective</i>	<i>Acceptable</i>	<i>Developing</i>	<i>N/A</i>
Activities clearly support course objectives		X			
Activities utilize various learning styles and provide opportunities for interaction	X				
Activities allow students to connect the content they are learning to real-world application	X				
Activities are easy to understand and follow		X			
Activities can be modified to accommodate various learning needs		X			

#### **General Comments, Strengths, and/or Recommendations:**

*In the flow of the class the student is pushed into hands on "real world" application of the skills being learned.*

### Section D: Assessments/Evaluation

*Assessments or evaluation utilized to gauge student understanding- can be formal or informal*

	<i>Exceptional</i>	<i>Effective</i>	<i>Acceptable</i>	<i>Developing</i>	<i>N/A</i>
Assessments accurately measure the stated learning objectives and align with course content taught		X			
Assessments are rigorous and require higher-order thinking		X			
The assessment instrument used is appropriate to measure student understanding and mastery of concept(s)/skill(s)		X			

#### **General Comments, Strengths, and/or Recommendations:**

*For the condensed nature of the course, the assessments are fair in level of difficulty.*

### Section E: Final Comments

*Please provide any closing comments, recommendations, and/or suggestions for the curriculum reviewed*

I think the course curriculum was well designed and defined. The students are learning a versatile skill set, in an accelerated format. This skillset is helping them appeal to companies in multiple industries, giving the students options on what path to take their careers. We have hired multiple students from the program and have been pleased with the outcome.

Valencia College is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.

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