

Scaling Elements of a Competency-Based Hybrid Instructional Model into Advanced Manufacturing Courses



Curriculum/Skills Alignment

Employer Engagement

Modularizing Course Content

Hands-On Skills Assessments

Lecture Moved Online

Applied Online Assessments

Active Learning Objects

Improving the Effectiveness & Access of Advanced Manufacturing Courses by

Assessment Model (PLA)

OER Material

Scaling Elements of a Competency-Based/Hybrid Model

Lab Exercises Workplace Skills

Flexible Lab Scheduling

through

Networked Improvement Communities

Interactive Online Simulations

CBE-Skills Mastery Flexible Pacing

Virtual Machines: 24/7 Software Access

