Session 8: Use and Impact of Virtual Learning

October 21 at 1:45 PM ET
Speakers

- Tiffany Miller, West Los Angeles College, Scaling Apprenticeship
- Demetria “Lynn” Strickland, Aerospace Joint Apprenticeship Committee (AJAC), Closing the Skills Gap
- Moderator: Apryl McDonough
West Los Angeles College DOL Scaling Apprenticeship Grant

- College Partners: College of the Canyons, El Camino College, Truckee Meadows, Onondaga and Vermont HiTech/Institute for American Apprenticeships

- Intermediaries: SBWIB, Career Source Florida, Career Source Brevard, CareerSource Palmbeach, YouthBuild, Training Funding Partners, Goodwill Southern California

- Employers: Northrop Grumman, Aerojet Rocketdyne, Aerospace Dynamics, Bachem, Hypertherm, and more!

- Other partners: CMTA, CMTC, AIA, SME, SMA, and more!
Customizing the needs of the employers and the requirements of safety

- Virtual student recruiting and interviews
- Pro-active in-depth overview of related instruction in appendix A to come with a plan for each competency listed in the appendix that meets the state’s requirements for safety
- Augmenting related instruction with employer internal training programs and online modules through Tooling U
AJAC: Structure

- Established 2008 as a state-wide non-profit apprenticeship service provider (intermediary) to address industry concerns:
  - Retiring workforce
  - Increased globalization = increased demand
  - Rapidly changing technologies
  - Increasing skills gap

- Provide proven model of apprenticeship training to the $76 billion aerospace industry as an additional workforce development competitive strategy; pipelines not meeting demand

- Expanded industry sectors under “Advanced Manufacturing” to include:
  - Aerospace
  - Biomedical
  - Defense
  - Food Processing (Mfg.)
  - Manufacturing
  - Space
AJAC: Programs

- 9 Apprenticeship Occupations
- Apprenticeship Preparation
- 2 Occupations designed for Youth pathway
- Industry Overview & Training Assessment
AJAC: Lessons Learned

- Continuous improvement of learning platforms to accommodate more interactive training
- Instructor and participant feedback to improve online learning
- Online participant and instructor orientations between online learning classes:
  - Based upon instructor/apprentice feedback
  - Provide mock classes for instructor/apprentices to navigate for familiarity and to check technology
  - Discuss challenges/barriers
  - Provide needed resources (if available/able)
    - Instructors – computers, docucams, cameras, mics, etc.
    - Participants – mailing of toolkits for hands-on learning
  - Connect to resources
    - Free local hotspots
    - Partners with resources
West LA: Resources

- Tooling U
- https://www.sbwib.org/aero-flex
- https://www.sbwib.org/bioflex
AJAC: Resources

- AJAC: [https://www.ajactraining.org/](https://www.ajactraining.org/)

- Moodle – Open-source learning platform: [https://moodle.org/](https://moodle.org/)

- CANVAS – Learning management platform: [https://www.instructure.com/canvas/](https://www.instructure.com/canvas/)
Questions?

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- AJAC: Lynn Strickland, lstrickland@ajactraining.org