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| OFFICE OF APPRENTICESHIP  BULLETIN | **NO.**  2024-107 |
| **DATE**  July 17, 2024 |

**TO:** NATIONAL APPRENTICESHIP SYSTEM STAKEHOLDERS

OFFICE OF APPRENTICESHIP STAFF

STATE APPRENTICESHIP AGENCIES

**FROM:** JOHN V. LADD /s/

Administrator, Office of Apprenticeship

**SUBJECT:** New Apprenticeable Occupation: Simulator Technician

1. **Purpose.** To inform the staff of OA, State Apprenticeship Agencies (SAA), Registered Apprenticeship program sponsors, and other Registered Apprenticeship partners of the following new apprenticeable occupation: Simulator Technician
2. **Action Requested.** OA staff should familiarize themselves with this bulletin and the attached Work Process Schedule and Related Instruction Outline, as a source for developing apprenticeship standards and/or providing technical assistance.

Simulator Technician will be added to the List of Occupations Recognized as Apprenticeable by OA located on www.apprenticeship.gov. A suggested Work Process Schedule and Related Instruction Outline are attached.

1. **Summary and Background.**
   1. Summary – The occupation Simulator Technician was submitted by Sara Galbraith, Administrative Assistant for Apprenticeships, on behalf of Lake Region State College, were processed by Kirk Jefferson and approved by the OA Administrator on July 17, 2024.
   2. Background –

***New/Revised Occupation Background -*** Under 29 CFR section 29.4, an occupation for a RAP must meet the following criteria to be determined apprenticeable:

1. Involve skills that are customarily learned in a practical way through a structured, systematic program of on-the job supervised learning:
2. Be clearly identified and commonly recognized throughout an industry;
3. Involve the progressive attainment of manual, mechanical, or technical skills and knowledge which, in accordance with the industry standard for the occupation, would require the completion of at least 2,000 hours of on-the-job learning to attain; and
4. Require related instruction to supplement the on-the job learning.
5. **New Apprenticeable Occupation.** The occupation Simulator Technician was submitted for an apprenticeability determination.

Simulator Technician

O\*NET-SOC CODE: 17-3023.00

RAPIDS Code: 3078

Type of Training: Time-based, Hybrid, Competency-based

Term Length: Time-based 4000, Hybrid 4,000 – 6,000, Competency-based 2 Year

Simulator Technician perform the following duties:

* + Troubleshoot circuit cards, electronic assemblies, and electromechanical assemblies to the component level;
  + Install, configure, modify, upgrade, troubleshoot and repair electronic circuits, computers, computer networks, visual image generation/display systems, hydraulic systems, input/output interface systems, pneumatics, mechanical assemblies, and various types of instrumentation.; and
  + Use electronic test equipment, including Oscilloscopes, Multimeters, Logic Analyzers, Function Generators, etc. to identify and correct malfunctioning systems.

1. **Inquiries.** If you have any questions, please, contact Kirk Jefferson, Apprenticeship & Training Representative at 202-693-3399.
2. **Attachments.**

