

U.S. Department of Labor Employment and Training Administration, Office of Apprenticeship (OA) Washington, D.C. 20210	Distribution: A-541 Hdqtrs A-544 All Field Tech A-547 SD+RD+SAA+; Lab.Com	Subject: Revision to an Existing Apprenticeable Occupation, utilizing the Competency-based Occupational Framework for Avionics Technician Code: 200.1
Symbols: DRAP/LNS		Action: Immediate

PURPOSE: To inform the staff of OA, State Apprenticeship Agencies (SAA), Registered Apprenticeship program sponsors, and other Registered Apprenticeship partners of the approval of the new Competency-based Occupational Framework (CBOF) for the occupation of Avionics Technician:

Avionics Technician
 O*NET-SOC Code: 49-2091.00
 RAPIDS Code: 0464CB
 Type of Training: Competency-based

BACKGROUND: The National Office has approved a new Competency-Based Occupational Framework (CBOF), developed in partnership with the Urban Institute. This CBOF has met industry standards and approval; it covers job titles and occupational pathways, related functions and performance criteria, as well as academic, workplace and personal competencies for job success. While use of CBOFs in developing standards utilizing the competency-based training approach is voluntary, no additional vetting of a Work Process Schedule (WPS) utilizing the CBOF should be required where a program aligns to the occupational framework described in a CBOF, beyond the basic requirements set forth in 29 CFR Part 29. While on-the-job learning (OJL) is ordinarily outlined in the Work Process Schedule, sponsors who utilize a CBOF need to develop the Related Instruction Outline, which should be included in the standards. The OA Administrator approved this occupation on October 19, 2019.

Included among the newly-approved CBOFs, is Avionics Technician. Entry-level technicians:

Install, inspect, test, adjust, or repair aerospace electronics equipment, traditionally including-but not limited to-communication, navigation, surveillance, and connectivity systems as well as control and information systems in aircraft or space vehicles.

Apprentices will learn to maintain safety, health, and professionalism at work; follow company and regulatory guidelines; locate and uses technical data; ground operation and servicing to include protection of employer and customer assets; use tools and test equipment; perform electrical system calculations and analysis; install and maintain electrical wiring harnesses, electronic components, and instruments; and fabricate, modify, and repair aircraft structures.

Within certain limits, the sponsors of CBOF apprenticeship programs are permitted to customize the job functions or competencies contained in a CBOF for Avionics Technician.

However, OA encourages the use of all core competencies to be included in the approved WPS.

ACTION: OA staff should familiarize themselves with this bulletin and the attached CBOF as a source for developing apprenticeship standards and/or providing technical assistance.

If you have any questions, please contact Natalie Linton, Program Analyst, Division of Registered Apprenticeship and Policy at (202) 693-3592.

NOTE: This bulletin is being sent via electronic mail.

Attachment



CBOF WPS_Avionics
Technician_FINAL.doc