BULLETIN 2017-37 May 18, 2017

|  |  |  |
| --- | --- | --- |
| U.S. Department of LaborEmployment and Training AdministrationOffice of Apprenticeship (OA)Washington, D.C. 20210 | Distribution:A-541 HdqtrsA-544 All Field TechA-547 SD+RD+SAA+; Lab.Comcid:image002.jpg@01D05CF0.6CFED1D0 | Subject: Revised Apprenticeable Occupation: CNC Operator and Programmer (Existing Title: CNC Set-Up Program Operator - Milling and Turning)Code: 200.1  |
| Symbols: DPQSP/KAJ | Action: Immediate |
| **PURPOSE:** To inform the staff of OA, State Apprenticeship Agencies (SAA), Registered Apprenticeship program sponsors, and other Registered Apprenticeship partners of a revision to an existing apprenticeable occupation:  CNC Operator and Programmer  (Existing Title: CNC Set-Up Program Operator - Milling and Turning) O\*NET-SOC Code: 51-4012.00  RAPIDS Code: 1100 Apprenticeship Program Approach: Hybrid  On-the-Job Learning Hours: 6000-8000 hours **BACKGROUND:** Ms. Karen Wade, Apprenticeship and Training Representative of West Virginia, on behalf of Robert C. Byrd Institute and Apprenticeship Works National Advanced Manufacturing Partnership, submitted the following occupation for an apprenticeability determination: CNC Operator and Programmer (Existing Title: CNC Set-Up Program Operator - Milling and Turning) for a revision to the type of training and the term.The revision of CNC Operator and Programmer (Existing Title: CNC Set-Up Program Operator - Milling and Turning) has added a newly available apprenticeship program approach - hybrid. A CNC Operator and Programmer (Existing Title: CNC Set-Up Program Operator - Milling and Turning):* Creates part programs based on part designs that are then run on CNC lathes and mills;
* Understands G-code programming, part dimensioning, workpiece materials, speeds and feeds, cutting tool theory, and workholding setups;
* May be involved in various quality efforts to reduce setup times or improve process control;
* Writes code to automate power driven machines that cut and finish metal, wood or plastic such as lathes, grinders and mills; and
* Translates instructions into a computer automated manufacturing (CAM) program and determines sequence of operations in a program.

CNC Operator and Programmer (Existing Title: CNC Set-Up Program Operator - Milling and Turning) will be added to the list of occupations as a hybrid apprenticeship approach by OA when the list is reissued. A suggested Work Process Schedule and Related Instruction Outline are attached.If you have any questions, please contact Kirk Jefferson, Apprenticeship and Training Representative at (202) 693-3399.**ACTION:** 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.**NOTE:** This bulletin is being sent via electronic mail.Attachments  |