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| OFFICE OF APPRENTICESHIP  BULLETIN | **NO.**  2025-113 |
| **DATE**  June 25, 2025 |

**TO:** NATIONAL APPRENTICESHIP SYSTEM STAKEHOLDERS

OFFICE OF APPRENTICESHIP STAFF

STATE APPRENTICESHIP AGENCIES

**FROM:** MEGAN BAIRD /s/

Acting Administrator, Office of Apprenticeship

**SUBJECT:** New Apprenticeable Occupation: Bioinformatics 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: Bioinformatics 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.

Bioinformatics 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 Bioinformatics Technician was submitted by Ms. Abigail Allen, State Director, Region VI Office of Apprenticeship, on behalf of Net.America, were processed by Kirk Jefferson and approved by the Acting OA Administrator on June 23, 2025.
   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 Bioinformatics Technician was submitted for an apprenticeability determination.

Bioinformatics Technician

O\*NET-SOC CODE: 15-2099.01

RAPIDS Code: 4011

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

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

Bioinformatics Technician perform the following duties:

* + Programming and development. Object-oriented programming (Java, C++, Perl, R). Software extension capabilities. Web-based tool development. Writing database query scripts and programs. Extending existing software and tools as analysis needs evolve;
  + Perform learning analytics using real time progress dashboards showing competency development; and
  + Identifying and addressing database problems. Preparing technical reports and scientific publications.

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

