# Biomedical/Biochemistry Workplace Experience Course No. 14998 Credit: 1.0

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| --- | --- | --- | --- |
| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Biochemistry (14.1401) Biomedical (14.0501)

Course Description: **Application Level:** Biomedical/Biochemistry Workplace Experience provides students with Professional Learning Experiences (PLE) to gain extensive knowledge of professionals in private/public industry, community organizations, and biomedical settings, as well as job opportunities, wage, and duties. Students will gain extensive knowledge in selected areas of biomedical technology, specific occupations, skills set, educational requirements, credentials/licensure, and daily routines by participating in Job Shadows or Internships. Instruction is focused on specific skill sets related to biomedical occupations, research on emerging trends, exploration of daily routines, understanding code of ethics, standards and regulations, safety, and legal requirements. Collaboration with local professionals, organizations and businesses is highly encouraged to offer PLE with documentation of the student experience.

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Analyze strategies to balance roles and responsibilities in the health sciences (individual and career).

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Compare and contrast occupations that fit individual interests and personal life goals (i.e. interest survey results). |  |
| 1.2 | Research, and evaluate information to set SMART career goals. |  |
| 1.3 | Apply fundamental knowledge of cost benefits related to personal career goal achievement. |  |
| 1.4 | Summarize local and global policies, issues, and trends in the health sciences. |  |
| 1.5 | Research new technologies to meet future health or medical needs. |  |
| 1.6 | Predict potential impact of career path decisions on balancing work and family responsibilities. |  |
| 1.7 | Identify community and human resources for meeting individual career needs (i.e. personal knowledge, non-profit agencies, educational institutions,). |  |

## Benchmark 2: Enhance job application and retention

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Analyze career choices to determine the knowledge, skills, and personality traits associated with health science careers. |  |
| 2.2 | Practice public speaking skills to build personal confidence and enhance employability. |  |
| 2.3 | Demonstrate job seeking skills. |  |
| 2.4 | Analyze strategies for job retention, addressing job performance weaknesses and how to leave a job appropriately. |  |
| 2.5 | Assess health, wellness, and work safety considerations of the health science worker. |  |
| 2.6 | Analyze the impact of an individual’s career decision on personal goals, relationships, financial benefit, and the impact on the national and global community .as in picking one health care field over another). |  |
| 2.7 | Demonstrate teamwork and leadership skills in school and community settings (e.g. HOSA experience). |  |
| 2.8 | Demonstrate respect for others regardless of age, gender, socio-economic or culture. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

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