

Temporary Lab Apprentice Worcester Polytechnic Institute

Direct Link: <https://www.AcademicKeys.com/r?job=262557>

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Posted Sep. 16, 2025, set to expire Jun. 30, 2026

Job Title Temporary Lab Apprentice
Department Biology & Biotechnology - JM
Institution Worcester Polytechnic Institute
Worcester, Massachusetts

Date Posted Sep. 16, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Other Administrative Categories

Academic Field(s) Research/Technical/Laboratory

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Job Description

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JOB TITLE

Temporary Lab Apprentice

LOCATION

Worcester

DEPARTMENT NAME

Biology & Biotechnology - JM

DIVISION NAME

Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

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Assist with development and pilot scale cell culture and fermentation projects contracted by the WPI Dept of Biology and Biotechnology Bioprocess Laboratory. Tasks may include the bioprocess development like fermentation to improve the yield and quality of the production of single strand DNA and protein etc. and generate materials via fermentation to satisfy various needs.

JOB DESCRIPTION

The following is an outline of the skills that will be evaluated as part of the student's internship.

Employability Skills (from Vocational Technical Education Curriculum Frameworks)

1. Communication and Literacy: The student demonstrates the ability to speak, listen, read, and write to function successfully.

- **Skills: Use effective problem solving processes**
- **Demonstrate effective writing skills Demonstrate effective listening skills Demonstrate effective speaking skills Demonstrate effective reading skills Apply appropriate phone skills**

2. Organizing and Analyzing Information: The student gathers, organizes and evaluates the meaning of documents and information.

- **Skills: Read industry-related material**
- **Use technology to gather, analyze and evaluate information Understand information presented graphically**

3. Problem Solving: The student identifies problems, understands their context and develops solutions.

- **Skills: Work as part of a team**
- **Think critically and solve problems Identify, obtain and apply needed resources Visualize/conceptualize ideas and processes Perform effective industry and career research**

4. Using Technology: The student identifies and applies appropriate technologies.

- **Skills: Adapt to new technology**

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- **Understand new technology-related vocabulary Use a computer**

5. Completing Entire Activities: The student participates fully in a task or project from initiation to completion, using time management skills.

- **Skills: Take the initiative to complete a project independently**
- **Demonstrate effective time management skills**
- **Demonstrate reliability in completing projects/tasks**

6. Acting Professionally: The student meets workplace standards on attendance, punctuality, dress code, confidentiality, flexibility and self-control.

- **Skills: Meet company attendance/punctuality**

Expectations:

- **Demonstrate effective self-management skills**
- **Maintain constant professionalism**
- **Follow workplace protocol (etiquette)**

7. Interacting with Others: The student works professionally and respectfully with a diversity of co-workers, supervisors and customers, resolving conflicts in a constructive manner.

- **Skills: Demonstrate effective negotiation skills**
- **Manage conflict with management/co-workers/others**

8. Understanding All Aspects of the Industry: The student understands the structure and dynamics of the entire organization, health and safety issues in the industry and the role of the business within the larger community.

- **Skills: Make appropriate career choices based on industry/career research**
- **Work safely and follow company procedures**
- **Understand the career ladder at the company and within the industry**
- **Understand the role of the company and industry in the local, national, and global arenas**

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9. Taking Responsibility for Career and Life Choice: The student balances demands of work, school and personal life and takes responsibility for developing his or her own personal and professional growth.

- **Skills: Demonstrate the willingness to learn**
- **Prioritize tasks and activities**
- **Take initiative Establish reasonable long and short term goals**
- **Apply appropriate stress management techniques Demonstrate the ability to perform and effective job search**

10. Character: Displays loyalty, honesty, dependability, initiative, self-discipline, and self responsibility.

FLSA STATUS

United States of America (Non-Exempt)

WPI is an Equal Opportunity Employer. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. It seeks individuals from all backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem solving, innovation, high performance, and change making. It is committed to maintaining a campus environment free of harassment and discrimination.

To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Temporary-Lab-Apprentice_R0003263

About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet

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departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

N/A

Worcester Polytechnic Institute

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