

BIOMANUFACTURING

CERTIFICATES & DEGREES

Biomanufacturing

Certificate of Proficiency (9 Units)

Certificate of Achievement (17Units)

Associate of Science (60 Units)

The Biomanufacturing Program is designed to provide students with the knowledge and skills necessary for employment in the biomanufacturing/pharmaceutical industry. It functions as a career ladder program, intending to train students in basic biotechnology and biomanufacturing skills in one semester, earning a Certificate of Proficiency in Biomanufacturing Skills.

Note that salaries can vary depending on factors such as location, experience, and industry. These numbers are meant to provide a general idea of what graduates can expect to earn and the career growth potential in these career fields. The salary data provided is from the California Employment Development Department's 2020-2021. The figures are for the Bay Area.

Career Paths	25th Percentile	Median	75th Percentile	Average Salary
Biomanufacturing Manager	\$130,350	\$157,850	\$189,920	\$164,440
Process Development Scientist	\$82,610	\$108,890	\$136,270	\$114,900
Bioprocess Engineer	\$76,140	\$98,360	\$124,390	\$103,820
Validation Engineer	\$74,030	\$98,160	\$122,320	\$104,580
Regulatory Affairs Specialist	\$75,550	\$97,330	\$123,460	\$102,170
Quality Control Analyst	\$58,340	\$80,840	\$107,410	\$85,840
Research Associate	\$56,800	\$77,580	\$100,150	\$83,560
Technical Writer	\$55,840	\$76,550	\$98,660	\$81,620
Production Supervisor	\$59,840	\$76,450	\$97,290	\$80,660
Manufacturing Technician	\$43,860	\$60,430	\$79,420	\$63,060

LEARNING OUTCOMES

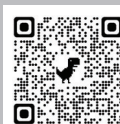
1. Setup and manipulate laboratory equipment, carry out experimental procedures and identify possible sources of error as well as practice laboratory safety guidelines relating to working with laboratory equipment.
2. Maintain a laboratory notebook according to standard scientific guidelines or write clear well-documented lab reports using the language of science.
3. Explain and discuss both verbally and in writing the science concepts listed in the course content, as well as their relevance to everyday events and circumstances in a broad interdisciplinary context.
4. Communicate using industry standard documentation of laboratory notebooks, SOPs or batch records or write clear well documented lab reports as appropriate.

Laney College does not discriminate on the basis of age, race, religion, color, gender identity, gender expression, sexual orientation, ancestry, citizenship, national origin, military or veteran status, disability, marital status, pregnancy, medical condition, and immigration status.



Accessible for everyone

Our classes are only \$46/unit. We offer substantial need-based financial support many students attend at no cost.



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