

# BIOMANUFACTURING TECHNOLOGY, ADVANCED TECHNICAL CERTIFICATE

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## program information

Are you passionate about making a difference in people's lives through science and innovation? If so, the Advanced Technical Certificate in Biomanufacturing at San Jacinto College could be your next step. Designed for individuals seeking specialized hands-on training in the biotechnology industry, this program offers advanced instruction in the core areas of upstream and downstream processing, quality assurance, and regulatory compliance. With access to state-of-the-art equipment and real-world bioprocessing labs—including fill-finish operations—students gain the hands-on skills required in modern biopharmaceutical production environments.

As a program graduate, you will be prepared to start a career as a:

- Manufacturing Associate
- Biomanufacturing Technician – Downstream
- Biomanufacturing Technician – Upstream

The Advanced Technical Certificate builds on foundational knowledge and prepares candidates for immediate entry into the workforce or career advancement in the fast-growing biomanufacturing sector. Courses are offered at the South Campus and Generation Park Campus, beginning Fall 2025. For more information or to apply, contact Program Director Dr. Nicole Bradley at [nicole.bradley@sjcd.edu](mailto:nicole.bradley@sjcd.edu).

## Career opportunities

Houston, Texas offers strong career opportunities in biomanufacturing, driven by its growing biotech sector, renowned medical institutions, and expanding pharmaceutical and biologics production facilities.

## earning potential

Biomedical Technicians: \$61,952+ <sup>1</sup>

<sup>1</sup> Source: <https://govsalaries.com/salaries/biomedical-technician-salary/texas> (<https://govsalaries.com/salaries/biomedical-technician-salary/texas/>)

## campus

Generation Park

South Campus