



**JOHNSTON  
COMMUNITY  
COLLEGE**

# BIO BLEND 1.0

JOHNSTON COMMUNITY COLLEGE

## Integrating Biotechnology and Applied Engineering to Meet Emerging Advanced Technological Workforce Needs



GRIFOLS



### GOALS



Create and implement a unique curriculum certificate that integrates biomanufacturing with applied engineering



Create a multi-skilled talent pipeline from college to industry



Provide hands-on education in a simulated drug manufacturing environment



### RESULTS

**12 students** graduated with integrated skills



**12 Bio Blend students** gained employment at one of our industry within three months of graduation

**15 students** have interned



**25 Bio Blend students** successfully completed a three-day DeltaV training course and all obtained certification as a result.



### Student Feedback:

#### Cohort 1

**100% more than satisfied with the overall level of student support and assistance you received through the Bio Blend program.**

#### Regarding internships:

"I liked how the employer partner had me hands on and understand the process. Also, how I had basically an onboarding process and got to work with the other employees and learn the system."

#### Parts of Bio Blend most important to be successful employee:

"The interaction with the mentors and students helping out each other becoming a great employee."

"The training and connections that I have made and received."

"Definitely the maintenance part, it helped me be able to understand what tools are used where and the schematics we learned helped me be able to read the diagrams of the equipment."

#### Cohort 2

#### Regarding Bio Blend:

Teachers did a great job with helping students learn and kept up with the students giving them needed information, help when needed, and opportunities for self-growth"

### Employment Survey results Employer Feedback

**100% satisfied** with Bio Blend students hired

**JCC Bio Blend students are MORE prepared for employment\***

**Indicated by 80% of respondents**

**\*Than those not enrolled in Bio Blend.**



### DEMOGRAPHICS

of the two cohorts included:

5 Hispanic students  
4 African American students  
2 students self-identified as having a disability

