

Industrial Biotechnology Teacher Experience

COURSE DESCRIPTION

IBTE is a two week, 80 hour program developed for teachers who are (or will be) teaching courses within Florida's Biotechnology Program (#8736000). The primary aim of this course is to provide experience with the skills, techniques and knowledge within the biotechnology curriculum in the context of working in the industry. In addition, there will be guidance and practice with the preparative steps necessary for the hands-on components of the program, allowing teachers to create "off-the-shelf" kits to be used during the school year. Completion of this course earns "district certification" for existing Biology and Chemistry teachers, enabling them to teach the CTE components of the program.

Industry experience will include the design, development, testing, and manufacture of a biopharmaceutical. Participants will develop an understanding of the departmental roles, and careers, as well as the criteria associated with working in this highly regulated environment.

COURSE FORMAT

- Hands-on classroom exercises and wet-labs
- Lecture and Interactive Discussion
- Development and Sharing of Best Practices
- On-line Modules
- Field Trips and Tours of Biotechnology Companies

*Our Education and Training Center (<http://cerhb.rgp.ufl.edu/education>) is located in the heart of Alachua's Progress Corporate Park (<http://www.progresscorporatepark.com/>), home to a variety of start-up and established Biotechnology Companies.

STIPENDS

Qualified participants will receive a \$600 stipend and up to \$250 toward housing/travel provided by the US Department of Education through Florida's Department of Education, awarded as a grant to the University of Florida's (UF's) Center of Excellence for Regenerative Health Biotechnology for "Florida's Biotechnology Articulation Consortium (FBAC), which also includes UF's Center for Precollegiate Education and Training, and the Employ Florida Banner Center for Career Academies.

Course Time and Location

DATES: July 5 - 16, 2010

TIME: 8:30 - 5:00

LOCATION: UF's Center of Excellence for Regenerative Health Biotechnology Education Center
13706 Innovation Drive, Alachua FL 32615

For more information contact Tammy Mandell: (386) 462-6397, tmandell@cerhb.ufl.edu

Applicant***Industrial Biotechnology Teacher Experience 2010***

Name:

Date of birth:

Email:

Phone:

Current address:

City:

State:

ZIP Code:

School Information

Current work site:

Address:

How long?

Phone:

E-mail:

Fax:

City:

State:

ZIP Code:

Position & Courses Taught:

District:

Experience

Are you currently teaching Biotechnology (either as a course, or integrated into other courses)?

Is your school/district considering or planning to start a Biotechnology program?

Do you have previous work experience in a biotechnology-based industry? Please describe:

Briefly describe areas of preparative work, techniques , or concepts that you would like to have highlighted in the course:

Signature

I understand that materials produced in this course may be used in future trainings, presentations, resource pages, lessons/courses. My signature below serves as my authorization to share my materials in this manner. I have retained a copy of this application. Please fax signed application to **386-462-7365**.

Signature of applicant:

Date:

Signature of administrator:

Date: