

Basic Biodiesel Production Workshop

Offered by Iowa BioDevelopment at Indian Hills Community College

This 2 day (16 hr) workshop combines both lecture and hands-on activities and is designed to introduce students to the basics of biodiesel production. Topics will include:

- Production Basics
- Feedstocks
- New Technologies
- Coproducts and their uses
- General testing procedures, schedules, and equipment
- Introduction to BQ 9000
- Economics of Biodiesel Production

Students will use the pilot laboratory facility at the Iowa Bioprocess Training Center in Eddyville, Iowa to produce approximately 20 gallons of BQ 9000 quality biodiesel using CentralBioDiesel's, Biolab.

Location: Iowa Bioprocess Training Center
17601 Monroe-Wapello Rd
Eddyville, Iowa 52553

To register, contact: Joe Brehm
Director IBTI
(641) 969-4167
jbrehm@indianhills.edu

Course Cost: \$300/person (include 2 continental breakfasts, 2 lunches and snacks)

Certification: Students will receive a Certificate of Completion from Indian Hills Community College, Iowa Biofuels Training International, or both.

CEU Credits: 1.5 CEUs will be awarded to each student through Indian Hills Community College.

COURSE SCHEDULE

Day 1	7:30 - 8:00 am	Registration (continental breakfast provided)
	8:00 - 9:00 am	Biodiesel Production Basics (Lecture by IBD)
	9:00 - 10:30 am	Biodiesel Feedstocks (Lecture by IBD/IHCC)
	10:30 - 10:45 am	Break
	10:45 - 12:00 pm	New Technologies in Biodiesel Production (Lecture by XX)
	12:00 - 12:30 pm	Lunch (provided)
	12:30 - 3:30 pm	Biodiesel Production (Demo and Lab by IBD - pilot plant)
	3:30 - 3:45 pm	Break
	3:45 - 4:15 pm	Coproducts (Lecture by IBD)
	4:15 - 4:45 pm	Question and Answer Session
	4:45 PM	Adjourned
Day 2	7:30 - 8:00 am	Continental Breakfast
	8:00 - 10:00 am	Product Recovery and purification (Demo and lab by IBD - pilot plant)
	10:00 - 10:15 am	Break
	10:15 - 10:45 pm	Biodiesel Production Review and Discussion
	10:45 - 12:00 pm	Biodiesel Testing (Lecture by NABL)
	12:00 - 12:30 pm	Lunch (provided)
	12:30 - 2:00 pm	Biodiesel Testing Equipment (Lecture by Petrolab)
	2:00 - 3:00 pm	Intro to BQ 9000
	3:00 - 3:15 pm	Break
	3:15 - 4:00 pm	Economics of Biodiesel Production (Lecture by XX)
	4:00 - 4:15 pm	Question and Answer Session
	4:15 - 4:45 pm	Course Evaluations, Recommendations and Discussion
	4:45 PM	Adjourned