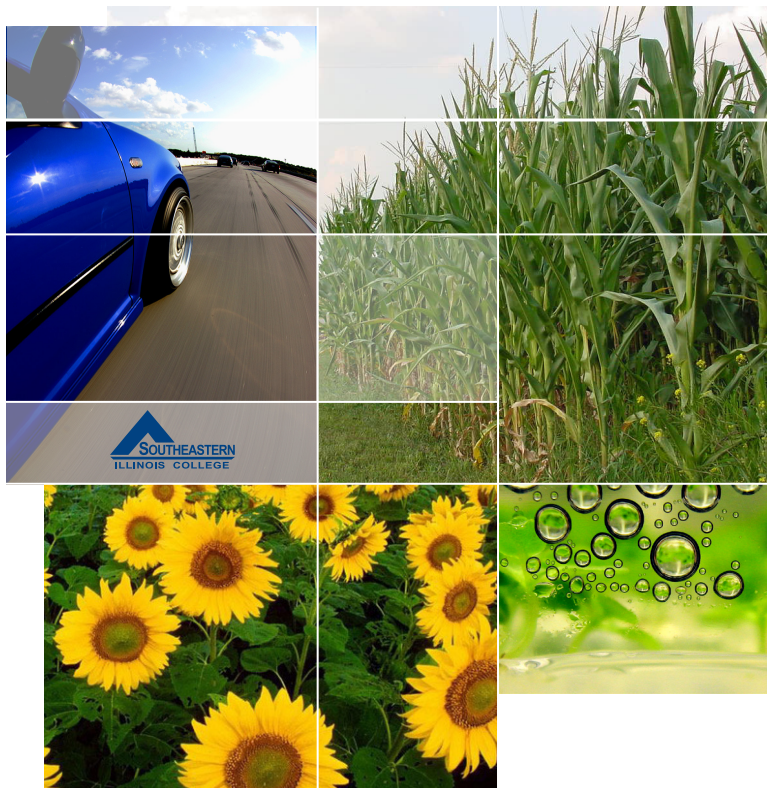


ONLINE Biofuels Courses



Renee Loesche

Renee Loesche has been with SIUC's College of Engineering's Industrial Technology program for 19 years and has experience in nuclear and fossil power generation and most recently completed a Green Jobs Training Initiative covering a 160-hours Applied Ethanol Processes at the National Corn-to-Ethanol Research Center. This training included leading Midwest biotechnology companies such as Genencor, Abengoa, Monsanto, Sigma Aldrich, Alfa Laval, Dickey John, and Hydrotherm.

Certificates Available

Fast-Track Certificate: Biofuels
(17 credit hours)

Ethanol Production (34 credit hours)

Biodiesel Production (33 credit hours)

Biofuels Technology & Sustainability
(12 credit hours - ALL ONLINE!)

For specific course requirements,
visit www.sic.edu > Our Programs >
Program Requirements

Course Information

For further information on courses, contact
the instructor at: renee.loesche@sic.edu

Cost Information

Online course tuition for Spring 2011 is \$83
per credit hour, regardless of residency.
In-district online course fee - \$25
All other residency course fee - \$45
Book cost - www.sicbookstore.com

Registration Information

Call the Enrollment Services Office at
618-252-5400 ext. 2441 or 2440, or
toll free at 866-338-2742.

ENGY 111 - Introduction to Biofuels

This course introduces to students biofuel energy including the production process of multiple types of cellulose biomass sources that can be chemically altered to create a viable, sustainable energy source.

ENGY 131 - Biodiesel Production

This course covers the process of biodiesel production from biomass choice through the production including biodiesel chemistry, process stages, fuel specifications, treatment, storage, and facility operations.

ENGY 151 - Ethanol Production

This course provides an overview of ethanol production from biomass solution to the completed product including distribution.

ENGY 211 - Biofuels System Technology

This course provides students with a detailed overview of the biofuel process fundamentals of a biorefinery such as batch and continuous process, modes of operation, and specific equipment needs.



Ask About Our 2 For 1 Tuition Deal!

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