

DIESEL TECHNOLOGY



**SCOTT COMMUNITY
COLLEGE CAMPUS**

Department Coordinator

Ken Hunter

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[http://faculty.eicc.edu/
dhanan/dieseltech07.mht](http://faculty.eicc.edu/dhanan/dieseltech07.mht)

[www.eicc.edu/
transportationcareers](http://www.eicc.edu/transportationcareers)

www.eicc.edu
1888-336-3907
Toll-free

Our Web Links:

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*Tuition and fees subject to change
by the EICCD Board of Trustees.*

Program Description

Students graduating from the Diesel Technology program are among the most sought after of all of Scott Community College technology graduates. Diesel Technology is a two-year program admitting students in the Fall and Spring semester every year. In 1995 and 2001 our program gained certification from Automotive Service Excellence (ASE). Our curriculum is written to Automotive Service Excellence (ASE) standards, and our graduates are prepared to pass ASE certification exams in the following seven areas: Brakes, Diesel Engines, Suspension & Steering, Drive Train, Electrical/Electronics Systems, Heating, Ventilation & Air Conditioning, and Preventive Maintenance Inspection. The diesel technician of today must be able to perform a wide variety of tasks. The diesel technician must be schooled and able to work on all systems of the over-the-road truck. The technician should have a working knowledge of hydraulic systems, and computers. He or she must have good electrical troubleshooting skills. Graduates of this program can be found in a diverse number of employment areas such as:

Fleet technicians

Dealership technicians

Drive train shops

Farm agricultural repair shop

Construction companies

Award Options

Associate in Applied Science Degree

Job Outlook

Opportunities should be very good for people who complete formal training in diesel mechanics; applicants without formal training will face competition for jobs. Employment of diesel service technicians and mechanics is expected to grow by 6 percent from 2008 to 2018, slower than the average for all occupations. Median hourly wages of bus and truck mechanics and diesel engine specialists, including incentive pay, were \$18.94 in May 2008. The middle 50 percent earned between \$15.25 and \$23.58 an hour. The lowest 10 percent earned less than \$12.50, and the highest 10 percent earned more than \$28.41 an hour.

For details, please visit this link <http://www.bls.gov/oco/>



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EASTERN IOWA COMMUNITY COLLEGE DISTRICT



Since the colleges of EICCD are continually reviewing programs, information in the course catalog may change. Please visit www.eicc.edu/catalog for any program updates which have occurred since the most recent edition of the catalog.

DIESEL TECHNOLOGY

A.A.S. DEGREE

FALL START:

FIRST SEMESTER - FALL

		CREDITS
AUT:115	Automotive Shop Safety	1
AUT:164	Automotive Engine Repair	4
COM:102	Communication Skills OR	
ENG:105	Composition I	3
DSL:505	Heavy Duty Drive Train I	3
DSL:507	Heavy Duty Drive Train II	3
DSL:603	Hydraulics	2
MAT:104	Applied Math Topics OR	
MAT:110	Math for Liberal Arts	3
		19

SECOND SEMESTER - SPRING

AUT:606	Basic Automotive Electricity/Electronics	3
AUT:614	Automotive Electrical I	3
DSL:150	Truck Electrical Systems	3
DSL:435	Diesel Fuel Systems I	3
DSL:437	Diesel Fuel Systems II	4
		16

SUMMER SESSION

DSL:340	Diesel Engine Repair	5
DSL:625	Heavy Duty Alignment	3
		8

THIRD SEMESTER - FALL

DSL:201	Basic Gas Engine Performance	2
DSL:629	Heavy Duty Brakes and Service	3
DSL:905	Cooperative Experience	2
HUM:105	Working in America OR	
PSY:213	Industrial & Organizational Psychology	3
WEL:331	Welding Fundamentals	2
		12

FOURTH SEMESTER - SPRING

BCA:188	Computer Fundamentals for Technicians OR	
BUS:102	Introduction to Business	3
DSL:519	Automatic Drive Train	4
DSL:710	Heating, A/C and Refrigeration	4
DSL:905	Cooperative Experience	2
		13

A.A.S. TOTAL

68

Clinton Community College

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The Eastern Iowa Community College District endorses the principle of equal educational opportunities for all people regardless of race, color, creed, marital status, national origin, sex, sexual orientation, religion, ancestry, age, or non-job related handicap or disability in the educational programs or activities it operates. Persons having inquiries concerning the district's accommodation for or compliance with Title VI, Title IX, Section 504, the Americans with Disabilities Act and the Age Discrimination Act may contact: Affirmative Action Officer, 306 West River Drive, Davenport, IA 52801-1221 or call (563) 336-3300.

Program requirements subject to change. Please check with your advisor.

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SPRING START:**FIRST SEMESTER - SPRING**

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** Spring start students may take AUT:115 in the spring or fall semester of the first year.