

DIESEL TECHNOLOGY

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

Diesel Technology – Fall Start Associate of Applied Science Degree
Diesel Technology – Spring Start Associate of Applied Science Degree
Diesel Technology Diploma
Heavy Duty Train Certificate
Truck Electrical Certificate

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 15 percent during the next decade, slower than the average for all occupations.

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



THE *Community's College*



**SCOTT COMMUNITY
COLLEGE**

Department Coordinator

Ken Hunter

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www.eicc.edu

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Our Web Links:

www.eicc.edu/apply

www.eicc.edu/visit

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www.eicc.edu/daretocompare

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DIESEL TECHNOLOGY

Diesel Technology – Fall Start AAS Degree

TERM 1

AUT:115	Automotive Shop Safety	1.00
AUT:164	Automotive Engine Repair	4.00
COM:102	Communication Skills OR	3.00
ENG:105	Composition I	
DSL:505	Heavy Duty Drive Train I	3.00
DSL:507	Heavy Duty Drive Train II	3.00
DSL:603	Hydraulics	2.00
MAT:104	Applied Math Topics OR	3.00
MAT:110	Math for Liberal Arts	
		19.00

Term 1 Optional Course

DSL:103	Survey of Diesel Technology	1.50
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TERM 2

AUT:606	Basic Automotive Electricity/Electronics	3.00
AUT:614	Automotive Electrical I	3.00
DSL:151	Truck Electrical Systems	2.00
DSL:435	Diesel Fuel Systems I	3.00
DSL:437	Diesel Fuel Systems II	4.00
DSL:815	Preventative Maintenance	1.00
		16.00

TERM 3 – SUMMER

DSL:340	Diesel Engine Repair	5.00
DSL:625	Heavy Duty Alignment	3.00
		8.00

TERM 4

DSL:201	Basic Gas Engine Performance	2.00
DSL:629	Heavy Duty Brakes and Service	3.00
DSL:905	Cooperative Experience	2.00
HUM:105	Working in America OR	3.00
PSY:213	Industrial & Organizational Psychology	
WEL:331	Welding Fundamentals	2.00
		12.00

TERM 5

BCA:188	Computer Fundamentals for Technicians OR	3.00
BUS:102	Introduction to Business	
DSL:519	Automatic Drive Train	4.00
DSL:710	Heating, Air Conditioning and Refrigeration	4.00
DSL:905	Cooperative Experience	2.00
		13.00

Diesel Technology – Fall Start AAS Total68.00

Credits

Clinton Community College

1000 Lincoln Boulevard,
Clinton, IA 52732
563-244-7001
1-800-638-0559

www.facebook.com/clintoncommunitycollegeia

Admissions Officer

Heather Evans

hlevans@eicc.edu
563-244-7007
FAX 563-244-7107

Muscatine Community College

152 Colorado Street,
Muscatine, IA 52761
563-288-6001
1-800-351-4669

www.facebook.com/muscatinecommunitycollege

Admissions Officer

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Amy Herrig – Urban Campus

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If you have questions or complaints related to compliance with this policy, please contact Debora J. Sullivan, Equal Employment Opportunity Officer/Equity Coordinator, Eastern Iowa Community College District, 101 West Third Street, Davenport, Iowa 52801, 563-336-3487, djsullivan@eicc.edu or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 West Madison Street, Suite 1475, Chicago, Illinois 60661-7204, phone number 312-730-1560, fax 312-730-1576, OCR. Chicago@ed.gov.

Diesel Technology – Spring Start AAS Degree

TERM 1

AUT:115	Automotive Shop Safety	1.00
AUT:606	Basic Automotive Electricity/Electronics	3.00
AUT:614	Automotive Electrical I	3.00
DSL:151	Truck Electrical Systems	2.00
DSL:435	Diesel Fuel Systems I	3.00
DSL:437	Diesel Fuel Systems II	4.00
DSL:815	Preventative Maintenance	1.00
		<u>17.00</u>

TERM 2 – SUMMER

DSL:340	Diesel Engine Repair	5.00
DSL:625	Heavy Duty Alignment	3.00
		<u>8.00</u>

TERM 3

AUT:164	Automotive Engine Repair	4.00
COM:102	Communication Skills OR	3.00
ENG:105	Composition I	
DSL:505	Heavy Duty Drive Train I	3.00
DSL:507	Heavy Duty Drive Train II	3.00
DSL:603	Hydraulics	2.00
MAT:104	Applied Math Topics OR	3.00
MAT:110	Math for Liberal Arts	
		<u>18.00</u>

TERM 4

BCA:188	Computer Fundamentals for Technicians OR	3.00
BUS:102	Introduction to Business	
DSL:519	Automatic Drive Train	4.00
DSL:710	Heating, Air Conditioning and Refrigeration	4.00
DSL:905	Cooperative Experience	2.00
		<u>13.00</u>

TERM 5

DSL:201	Basic Gas Engine Performance	2.00
DSL:629	Heavy Duty Brakes and Service	3.00
DSL:905	Cooperative Experience	2.00
HUM:105	Working in America OR	3.00
PSY:213	Industrial & Organizational Psychology	
WEL:331	Welding Fundamentals	2.00
		<u>12.00</u>

Diesel Technology – Spring Start AAS Total68.00

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Diesel Technology Diploma

TERM 1

AUT:115	Automotive Shop Safety	1.00
AUT:164	Automotive Engine Repair	4.00
COM:102	Communication Skills OR	3.00
ENG:105	Composition I	
DSL:505	Heavy Duty Drive Train I	3.00
DSL:507	Heavy Duty Drive Train II	3.00
DSL:603	Hydraulics	2.00
MAT:104	Applied Math Topics OR	3.00
MAT:110	Math for Liberal Arts	

Credits

19.00

TERM 2

AUT:606	Basic Automotive Electricity/Electronics	3.00
AUT:614	Automotive Electrical I	3.00
DSL:151	Truck Electrical Systems	2.00
DSL:435	Diesel Fuel Systems I	3.00
DSL:437	Diesel Fuel Systems II	4.00
DSL:815	Preventative Maintenance	1.00

16.00

TERM 3 – SUMMER

DSL:340	Diesel Engine Repair	5.00
DSL:625	Heavy Duty Alignment	3.00

8.00

Diesel Technology Diploma Total.....43.00

Heavy Duty Train Certificate

TERM 1

AUT:115	Automotive Shop Safety	1.00
AUT:164	Automotive Engine Repair	4.00
COM:102	Communication Skills OR	3.00
ENG:105	Composition I	
DSL:505	Heavy Duty Drive Train I	3.00
DSL:507	Heavy Duty Drive Train II	3.00
DSL:603	Hydraulics	2.00
MAT:104	Applied Math Topics OR	3.00
MAT:110	Math for Liberal Arts	

Credits

19.00

Heavy Duty Train Certificate Total.....19.00

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Truck Electrical Certificate

TERM 1

		Credits
AUT:115	Automotive Shop Safety	1.00
AUT:606	Basic Automotive Electricity/Electronics	3.00
AUT:614	Automotive Electrical I	3.00
DSL:151	Truck Electrical Systems	2.00
DSL:435	Diesel Fuel Systems I	3.00
DSL:437	Diesel Fuel Systems II	4.00
DSL:815	Preventative Maintenance	1.00
		17.00

Truck Electrical Certificate Total **17.00**

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