

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

Associate in Applied Science Degree

Diploma

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. Median annual wages of bus and truck mechanics and diesel engine specialists, including incentive pay, were \$40,850 in May 2014. The lowest 10 percent earned less than \$26,550, and the top 10 percent earned more than \$60,830.

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



THE *Community's College*



**SCOTT COMMUNITY
COLLEGE**

Department Coordinator

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www.eicc.edu

Toll-free 1-888-336-3907

Our Web Links:

www.eicc.edu/apply

www.eicc.edu/visit

www.eicc.edu/programs

www.eicc.edu/daretocompare

www.eicc.edu/financialaid

www.eicc.edu/catalog

Since the colleges of EICC 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.

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

DIESEL TECHNOLOGY

A.A.S. Degree

TERM 1 – FALL START

		Credits
AUT:115	Automotive Shop Safety	1.00
AUT:164	Engine Repair	4.00
COM:102	Communication Skills OR	3.00
ENG:105	Composition I	3.00
DSL:103	Survey of Diesel Technology (optional course)	(1.50)
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	3.00

Heavy Duty Train Certificate Total.....**19.00**

TERM 2

AUT:115	Automotive Shop Safety*	1.00
AUT:606	Basic Automotive Electricity/Electrn	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

Truck Electrical Certificate Total.....**17.00**

* If completed in Term 1, student need not take this course.

TERM 3 – SUMMER

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

Diesel Technology Diploma Total.....**43.00**

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	3.00
WEL:331	Welding Fundamentals	2.00

TERM 5

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

A.A.S. Total.....**68.00**

Clinton Community College

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1-800-638-0559

www.facebook.com/clintoncommunitycollegeia

Admissions Officer

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(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/](http://www.facebook.com/muscatinecommunitycollege)

muscatinecommunitycollege

Admissions Officer

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Scott Community College

500 Belmont Road,
Bettendorf, IA 52722
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www.facebook.com/scottcommunitycollege

Admissions Officer

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It is the policy of Eastern Iowa Community Colleges not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family or marital status in its programs, activities, or employment practices as required by the Iowa Code §§ 216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.) Title IX (Educational Amendments, 20 U.S.C. §§ 1681 - 1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with the policy, please contact Debora J. Sullivan, Equity Coordinator, 306 W. River Drive, 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, Suite 1475, Chicago, IL 60661, phone number 312/730-1560, fax 312/730-1576.

A.A.S. Degree

TERM 1 – SPRING START

	Credits
AUT:115 Automotive Shop Safety	1.00
AUT:606 Basic Automotive Electricity/Electrn	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>

Truck Electrical Certificate Total.....17.00

TERM 2 – SUMMER

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

TERM 3

AUT:115 Automotive Shop Safety*	1.00
AUT:164 Engine Repair	4.00
COM:102 Communication Skills OR	3.00
ENG:105 Composition I	3.00
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	3.00
	<u>19.00</u>

Heavy Duty Train Certificate Total.....19.00

Diesel Technology Diploma Total.....43.00

* If completed in Term 1, student need not take this course.

TERM 4

BCA:188 Computer Fundamentals for Technicians OR	3.00
BUS:102 Introduction to Business	3.00
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	3.00
WEL:331 Welding Fundamentals	2.00
	<u>12.00</u>

A.A.S. Total.....68.00

Gainful employment information for the Diesel Technology program is located at www.eicc.edu/gainfulemployment



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