AUTOMOTIVE TECHNOLOGY

Program Description
Since the inception of Scott Community College, Auto Technology has been one of the college’s most successful programs. The Automotive Technology Program is a two-year program admitting students in the Fall and Spring semester every year. In 1988 the Automotive Technology Program became the first program in Iowa to gain master certification in Automotive Service Excellence (ASE). Graduates from our program are prepared to pass certification exams in all of the following eight areas: Engine Repair, Manual Drive Train & Axles, Brakes, Heating & Air Conditioning, Automatic Transmission/Transaxle, Suspension & Steering, Electrical/ Electronics Systems, and Engine Performance. An Automotive Technician must be a versatile person willing to deal with customers as well as repair automobiles. Today’s technicians work with computers and other sophisticated diagnostic equipment. Some of the graduates of this program will work in shops as general line technicians performing work on all systems of the vehicle. Others will work in specialty shops that specialize in just certain areas of the vehicle such as brakes or transmissions. Graduates may also work in related areas such as service advising or parts distribution.

The Automotive Technology program has achieved certification from National Automotive Technicians Education Foundation (NATEF) for Automotive Service Excellence (ASE).

Award Options
Automotive Technology – Fall Start Associate of Applied Science Degree
Automotive Technology – Spring Start Associate of Applied Science Degree
Automotive Technology Diploma
Automotive Technology Basic Service – Fall Start Certificate
Automotive Technology Basic Service – Spring Start Certificate
Automotive Technology General Service Certificate

Job Outlook
Employment of automotive service technicians and mechanics is expected to increase 17 percent for the next decade, about as fast as the average for all occupations. Continued growth in the number of vehicles in use in the United States will lead to new jobs for workers performing basic car maintenance and repair. Additionally, the average lifespan of vehicles is increasing, which will further increase the demand for repair services, especially post-warranty work. Median annual wage of automotive service technicians and mechanics, including commission, are $35,790. The lowest 10 percent earned less than $20,200, and the top 10 percent earned more than $59,590.

For details, please visit this link http://www.bls.gov/oco/
AUTOMOTIVE TECHNOLOGY

Automotive Technology – Fall Start AAS Degree

TERM 1
AUT:115 Automotive Shop Safety  1.00  
AUT:164 Automotive Engine Repair  4.00  
AUT:606 Basic Automotive Electricity/Electronics  3.00  
AUT:614 Automotive Electrical I  3.00  
ENG:105 Composition I  OR  3.00  
COM:102 Communication Skills  3.00  
MAT:104 Applied Math Topics  OR  3.00  
MAT:110 Math for Liberal Arts  3.00

17.00

Term 1 Optional Course
AUT:103 Survey of Auto Technology  1.50

TERM 2
AUT:232 Automotive Transmission I  3.00
AUT:304 Automotive Manual Drive Train and Axles  4.00
AUT:524 Automotive Brake Systems and Service  4.00
AUT:802 Engine Performance I  3.00

14.00

TERM 3 - SUMMER
AUT:404 Automotive Suspension and Steering  4.00
AUT:704 Automotive Heating and Air Conditioning  4.00

8.00

Diploma Total.......................................................................................................................... 39.00
Gainful employment information for the Automotive Technology program is located at www.eicc.edu/gainfulemployment

TERM 4
AUT:233 Automotive Transmission II  3.00
AUT:811 Engine Performance II  4.00
BCA:188 Computer Fundamentals for Technicians  OR  3.00
BUS:102 Introduction to Business  3.00
HUM:105 Working in America  OR  3.00
PSY:213 Industrial & Organizational Psychology  3.00

13.00

TERM 5
AUT:656 Automotive Electrical II  4.00
AUT:817 Automotive Engine Performance III  3.00
AUT:911 Cooperative/Internship  4.00
WEL:331 Welding Fundamentals  2.00

13.00

Automotive Technology – Fall Start AAS Total...................................................................... 65.00
### Automotive Technology – Spring Start AAS Degree

<table>
<thead>
<tr>
<th>TERM 1</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT:115 Automotive Shop Safety</td>
<td>1.00</td>
</tr>
<tr>
<td>AUT:232 Automotive Transmission I</td>
<td>3.00</td>
</tr>
<tr>
<td>AUT:606 Basic Automotive Electricity/Electronics</td>
<td>3.00</td>
</tr>
<tr>
<td>AUT:614 Automotive Electrical I</td>
<td>3.00</td>
</tr>
<tr>
<td>AUT:802 Engine Performance I</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERM 2 - SUMMER</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT:811 Engine Performance II</td>
<td>4.00</td>
</tr>
<tr>
<td>AUT:817 Automotive Engine Performance III</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERM 3</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT:164 Automotive Engine Repair</td>
<td>4.00</td>
</tr>
<tr>
<td>AUT:233 Automotive Transmission II</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG:105 Composition I OR</td>
<td>3.00</td>
</tr>
<tr>
<td>COM:102 Communication Skills</td>
<td>3.00</td>
</tr>
<tr>
<td>MAT:104 Applied Math Topics OR</td>
<td>3.00</td>
</tr>
<tr>
<td>MAT:110 Math for Liberal Arts</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERM 4</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT:304 Automotive Manual Drive Train and Axles</td>
<td>4.00</td>
</tr>
<tr>
<td>AUT:524 Automotive Brake Systems and Service</td>
<td>4.00</td>
</tr>
<tr>
<td>AUT:656 Automotive Electrical II</td>
<td>4.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERM 5 - SUMMER</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT:404 Automotive Suspension and Steering</td>
<td>4.00</td>
</tr>
<tr>
<td>AUT:704 Automotive Heating and Air Conditioning</td>
<td>4.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERM 6</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT:911 Cooperative/Internship</td>
<td>4.00</td>
</tr>
<tr>
<td>BCA:188 Computer Fundamentals for Technicians OR</td>
<td>3.00</td>
</tr>
<tr>
<td>BUS:102 Introduction to Business</td>
<td>3.00</td>
</tr>
<tr>
<td>HUM:105 Working in America OR</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY:213 Industrial &amp; Organizational Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>WEL:331 Welding Fundamentals</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**AAS Total**: 65.00

### Automotive Technology Basic Service Certificate – Fall Start

<table>
<thead>
<tr>
<th>TERM 1</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT:115 Automotive Shop Safety</td>
<td>1.00</td>
</tr>
<tr>
<td>AUT:606 Basic Automotive Electricity/Electronics</td>
<td>3.00</td>
</tr>
<tr>
<td>AUT:614 Automotive Electrical I</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG:105 Composition I OR</td>
<td>3.00</td>
</tr>
<tr>
<td>COM:102 Communication Skills</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**AAS Total**: 10.00

---

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 Debra J. Sullivan, Equity Coordinator, 101 W. Third St., Davenport, Iowa 52801, 563-336-3487, dsullivan@eicc.edu or the Director of the Office for Civil Rights, U.S. Department of Education, Olmsted Center, 500 West Madison, Suite 1475, Chicago, IL 60661, phone number 312-730-1560, fax 312-730-1576.
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
Andrew Snyder
asnyder@eicc.edu
563-288-6007
FAX 563-288-6014

Scott Community College
500 Belmont Road,
Bettendorf, IA 52722
563-441-4001
1-800-895-0811
www.facebook.com/scottcommunitycollege

Admissions Officer
Kelsey King
kking@eicc.edu
563-441-4007
FAX 563-441-4101

www.eicc.edu

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, 101 W. Third St., Davenport, Iowa 52801, 563–336–3487, dsullivan@eicc.edu or the Director of the Office for Civil Rights, U.S. Department of Education, Citizenship and Immigration Services, Suite 447, Chicago, IL 60661, phone number 312–730–1568, fax 312–730–1576.

TERM 2
AUT:524 Automotive Brake Systems and Service 4.00

TERM 3 – SUMMER
AUT:404 Automotive Suspension and Steering 4.00

Certificate Total ............................................................................................................................... 18.00

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

Automotive Technology Basic Service Certificate – Spring Start

TERM 1
AUT:115 Automotive Shop Safety 1.00
AUT:524 Automotive Brake Systems and Service 4.00
AUT:606 Basic Automotive Electricity/Electronics 3.00
AUT:614 Automotive Electrical I 3.00
BCA:188 Computer Fundamentals for Technicians OR 3.00
BUS:102 Introduction to Business

TERM 2 – SUMMER
AUT:404 Automotive Suspension and Steering 4.00

Certificate Total ............................................................................................................................... 18.00

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

Automotive Technology General Service Certificate

TERM 1
AUT:115 Automotive Shop Safety 1.00
AUT:164 Automotive Engine Repair 4.00
AUT:606 Basic Automotive Electricity/Electronics 3.00
AUT:614 Automotive Electrical I 3.00
ENG:105 Composition I OR 3.00
COM:102 Communication Skills

TERM 2
AUT:232 Automotive Transmission I 3.00
AUT:304 Automotive Manual Drive Train and Axles 4.00
AUT:524 Automotive Brake Systems and Service 4.00
AUT:802 Engine Performance I 3.00

TERM 3 – SUMMER
AUT:404 Automotive Suspension and Steering 4.00
AUT:704 Automotive Heating and Air Conditioning 4.00

Certificate Total ............................................................................................................................... 36.00

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