

DIESEL TECHNOLOGY

If you eat it, wear it, play with it, or drive it, odds are it was delivered by a diesel! But diesel is more than just trucks; it's the driving force behind today's Life. Changing. technology! Put a driving force behind your career today, by joining the Diesel Technology Program at Indian Hills Community College!

| YEAR ONE | | | | | |
|----------|---------|------------------------------------|---------|-------|---------------|
| TERM | CLASS | NAME | CREDITS | DAYS | TIME |
| FALL | DSL 602 | Principles of Hydraulics | 2 | MTWTH | 08:00 - 08:50 |
| | AUT 701 | Basic Automotive Air Conditioning | 1 | MTWTH | 09:00 - 09:50 |
| | CRR 310 | Adapters, Tools and Measurements | 1 | MTWTH | 09:00 - 09:50 |
| WINTER | DSL 325 | Introduction to Diesel | 2 | MTWTH | 08:00 - 08:50 |
| | AUT 143 | Machining for Automotive Mechanics | 2 | MTWTH | 09:00 - 09:50 |
| SPRING | DSL 848 | Diesel Guidance Systems | 3 | MTWTH | 09:00 - 9:50 |

| YEAR TWO | | | | | |
|----------|---------|--|---------|-------|---------------|
| TERM | CLASS | NAME | CREDITS | DAYS | TIME |
| FALL | AUT 607 | Basic Auto Electricity/Electronics | 4 | MTWTH | 08:00 - 09:50 |
| | CSC 110 | Introductions to Computers | 3 | MTWTH | 10:00 - 11:50 |
| WINTER | AUT 222 | Basic Automotive Drive Lines | 2 | MTWTH | 08:00 - 09:50 |
| | AUT 642 | Automotive Charging, Starting and Electrical Systems | 2 | MTWTH | 08:00 - 09:50 |
| | AUT 172 | Advanced Automotive Engine Repair | 2 | MTWTH | 10:00 - 10:50 |
| SPRING | MAT 772 | Applied Math | 3 | MTWTH | 08:00 - 08:50 |
| | DSL 534 | Drive Trains | 4 | MTWTH | 09:00 - 11:50 |

DID YOU KNOW THAT IF YOU'RE TAKING INDIAN HILLS CLASSES WHILE STILL IN HIGH SCHOOL, YOU ALREADY QUALIFY FOR A

\$600 SCHOLARSHIP TO INDIAN HILLS

CHECK OUT THE MINIMUM QUALIFICATIONS AND APPLY TODAY: WWW.INDIANHILLS.EDU/SCHOLARSHIPS



It is the policy of Indian Hills Community College 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 this policy, please contact Kristen Parks, Director of Human Resources/Equity Coordinator, 525 Grandview Ave, Ottumwa, IA 52501, (641) 683-5108; Chris Bowser, Executive Dean, Student Services, (students), (641) 683-5159; Darlas Shockley, Executive Dean, Arts & Sciences (students with disabilities), (641) 683-5174; or the U.S. Department of Education, Citigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661, phone number (312) 730-1560, fax (312) 730-1576.



Diesel Technology Curriculum

ASSOCIATE OF APPLIED SCIENCE DEGREE | Location: Ottumwa Campus | Start Terms: Fall and Spring Terms

TERM I

TOTAL CREDITS: 11

| | | | |
|---------|------------------------------------|---|-------------------------------------|
| AUT 607 | Basic Auto Electricity/Electronics | 4 | <input checked="" type="checkbox"/> |
| AUT 701 | Basic Automotive Air Conditioning | 1 | <input checked="" type="checkbox"/> |
| CRR 310 | Adapters, Tools and Measurements | 1 | <input checked="" type="checkbox"/> |
| DSL 602 | Principles of Hydraulics | 2 | <input checked="" type="checkbox"/> |
| DSL 848 | Diesel Guidance Systems | 3 | <input checked="" type="checkbox"/> |

TERM II

TOTAL CREDITS: 13

| | | | |
|---------|--|---|-------------------------------------|
| AUT 143 | Machining for Automotive Mechanics | 2 | <input checked="" type="checkbox"/> |
| AUT 172 | Advanced Automotive Engine Repair | 2 | <input checked="" type="checkbox"/> |
| AUT 222 | Basic Automotive Drive Lines | 2 | <input checked="" type="checkbox"/> |
| AUT 642 | Automotive Charging, Starting and Electrical Systems | 2 | <input checked="" type="checkbox"/> |
| DSL 325 | Introduction to Diesel | 2 | <input checked="" type="checkbox"/> |
| MAT 772 | Applied Math | 3 | <input checked="" type="checkbox"/> |
| OR | | | |
| XXX XXX | Approved Mathematical Reasoning Course | 3 | <input type="checkbox"/> |

TERM III

TOTAL CREDITS: 9

| | | | |
|---------|-----------------------------|---|-------------------------------------|
| DSL 534 | Drive Trains | 4 | <input checked="" type="checkbox"/> |
| DSL 599 | Brakes, Tires and Alignment | 2 | <input type="checkbox"/> |
| XXX XXX | Approved Culture Course | 3 | <input type="checkbox"/> |

TERM IV

TOTAL CREDITS: 9

| | | | |
|---------|--------------------------------|---|-------------------------------------|
| CSC 110 | Introduction to Computers | 3 | <input checked="" type="checkbox"/> |
| DSL 421 | Electronic Engine Controls | 4 | <input type="checkbox"/> |
| DSL 742 | Air Conditioning/Refrigeration | 2 | <input type="checkbox"/> |

TERM V

TOTAL CREDITS: 11-14

| | | | |
|---------|---------------------------------|---|--------------------------|
| ADM 218 | Initiating the Career Search | 1 | <input type="checkbox"/> |
| DSL 373 | Locomotive Engine Disassembly | 3 | <input type="checkbox"/> |
| AND | | | |
| DSL 319 | Intro. To Locomotive Engines | 2 | <input type="checkbox"/> |
| AND | | | |
| DSL 146 | Intro. To Locomotive Electrical | 2 | <input type="checkbox"/> |
| OR | | | |
| DSL 343 | Diesel Engine Overhaul | 5 | <input type="checkbox"/> |
| AND | | | |
| DSL 375 | Assembly of Diesel Engines | 5 | <input type="checkbox"/> |
| XXX XXX | Approved Communications Course | 3 | <input type="checkbox"/> |

TERM VI

TOTAL CREDITS: 11-15

| | | | |
|---------|------------------------------------|---|--------------------------|
| DSL 655 | Technical Power Hydraulics | 5 | <input type="checkbox"/> |
| XXX XXX | Approved Scientific Systems Course | 3 | <input type="checkbox"/> |
| DSL 153 | Vehicle Engine Diagnosis | 3 | <input type="checkbox"/> |
| OR | | | |
| DSL 386 | Intro to Locomotive Tune-ups | 2 | <input type="checkbox"/> |
| AND | | | |
| DSL 147 | Advanced Locomotive Electrical | 2 | <input type="checkbox"/> |
| AND | | | |
| DSL 374 | Locomotive Engine Assembly | 3 | <input type="checkbox"/> |

TERM VI

TOTAL CREDITS: 13

| | | | |
|---------|-------------------------------------|---|--------------------------|
| DSL 384 | Engine Application and Tune-Ups | 4 | <input type="checkbox"/> |
| DSL 412 | Diesel Engine Electronics II | 2 | <input type="checkbox"/> |
| DSL 831 | Preventative Maintenance | 4 | <input type="checkbox"/> |
| DSL 852 | Diesel Guidance Systems Diagnostics | 3 | <input type="checkbox"/> |

OPTIONAL COURSE

| | | | |
|---------|--------------------------------|---|--------------------------|
| BUS 128 | Foundation to Entrepreneurship | 3 | <input type="checkbox"/> |
|---------|--------------------------------|---|--------------------------|

