

18 Months
Credits Required for Graduation: 72

2009 – 2010 Revised: 4/09

Agriculture/Industrial (Tractor) Option

Truck Option

Associate of Applied Science (A.A.S.) Degree

First Year – Fall Semester

| Course Number | Course Title | Clock Hours | Credits |
|----------------------------------|--|-------------|---------|
| DT 107 | Welding Technologies | 28 | 1 |
| DT 108 | Consumer Products Theory | 14 | .5 |
| DT 113 | Consumer Products Shop | 28 | 1 |
| DT 140 | Electrical Systems Theory | 28 | 1 |
| DT 146 | Electrical Systems Shop | 70 | 2.5 |
| DT 152 | Power Trains Theory | 42 | 1.5 |
| DT 161 | Power Trains Shop | 84 | 3 |
| DT 165 | Heating, Ventilation, and Air Conditioning (HVAC) Theory | 42 | 1.5 |
| DT 167 | Heating, Ventilation, and Air Conditioning (HVAC) Shop | 56 | 2 |
| AED 100 | Automated External Defibrillator | 14 | .5 |
| HAZ 100 | Hazardous Materials Safety | 14 | .5 |
| • Selected Communications Course | | 48 | 3 |
| Total | | 468 | 18 |

Spring Semester

| Course Number | Course Title | Clock Hours | Credits |
|----------------------------|--------------------------------------|-------------|---------|
| DT 119 | Hydraulic Systems Theory | 42 | 1.5 |
| DT 123 | Hydraulic Systems Shop | 70 | 2.5 |
| DT 126 | Basic Engine Overhaul Theory | 28 | 1 |
| DT 131 | Basic Engine Overhaul Shop | 84 | 3 |
| DT 173 | Preventive Maintenance Theory | 28 | 1 |
| DT 176 | Preventive Maintenance Shop | 42 | 1.5 |
| DT 179 | Basic Diesel Engines Theory | 14 | .5 |
| DT 180 | Basic Diesel Engines Shop | 28 | 1 |
| •• CIS 102 | Windows Applications for Technicians | 48 | 3 |
| • Selected Math Course | | 48 | 3 |
| Total | | 432 | 18 |

Second Year – Fall Semester – Ag/Industrial Tractor Option

| Course Number | Course Title | Clock Hours | Credits |
|--------------------------------------|--|-------------|---------|
| DT 200 | Diesel Fuel System Diagnostics Theory | 42 | 1.5 |
| DT 201 | Diesel Fuel System Diagnostics Shop | 56 | 2 |
| DT 202 | Diesel Engine Overhaul Shop | 56 | 2 |
| DT 210 | Diesel Engine Overhaul Theory | 42 | 1.5 |
| DT 219 | Diesel Engine Tune-up Theory | 42 | 1.5 |
| DT 223 | Diesel Engine Tune-up Shop | 56 | 2 |
| DT 234 | Tractor Shop Production I | 14 | .5 |
| DT 242 | Tractor Electrical System Diagnostics | 42 | 1.5 |
| DT 262 | Tractor Heating, Ventilation, and Air Conditioning (HVAC) System Diagnostics | 42 | 1.5 |
| DT 265 | ASE Certification Testing | 28 | 1 |
| • Selected Behavioral Science Course | | 48 | 3 |
| Total | | 468 | 18 |

Spring Semester

| Course Number | Course Title | Clock Hours | Credits |
|----------------------------------|---|-------------|---------|
| DT 245 | Hydraulic System Diagnostics Theory | 42 | 1.5 |
| DT 267 | Shop Management | 14 | .5 |
| DT 278 | Combine Hydraulic and Electrical Familiarization | 28 | 1 |
| DT 282 | Tractor Shop Production II | 196 | 7 |
| DT 288 | Hydraulic System Diagnostics Shop | 70 | 2.5 |
| DT 291 | Tractor Electronic Controls/Global Positioning Systems and Auto Steer | 70 | 2.5 |
| • Selected Social Science Course | | 48 | 3 |
| Total | | 468 | 18 |

Diesel Technology

Second Year – Fall Semester – Truck Option

| Course Number | Course Title | Clock Hours | Credits |
|--------------------------------------|---------------------------------------|-------------|---------|
| DT 200 | Diesel Fuel System Diagnostics Theory | 42 | 1.5 |
| DT 201 | Diesel Fuel System Diagnostics Shop | 56 | 2 |
| DT 202 | Diesel Engine Overhaul Shop | 56 | 2 |
| DT 210 | Diesel Engine Overhaul Theory | 42 | 1.5 |
| DT 219 | Diesel Engine Tune-up Theory | 42 | 1.5 |
| DT 220 | Truck Preventive Maintenance | 42 | 1.5 |
| DT 223 | Diesel Engine Tune-up Shop | 56 | 2 |
| DT 231 | Truck Drive Trains | 56 | 2 |
| DT 265 | ASE Certification Testing | 28 | 1 |
| • Selected Behavioral Science Course | | 48 | 3 |
| Total | | 468 | 18 |

Spring Semester

| Course Number | Course Title | Clock Hours | Credits |
|----------------------------------|--|-------------|---------|
| DT 216 | Truck Suspension and Steering | 112 | 4 |
| DT 217 | Truck Brake Systems | 112 | 4 |
| DT 225 | Truck Electrical Testing | 56 | 2 |
| DT 229 | Electronic Engine Controls | 84 | 3 |
| DT 264 | Truck Heating, Ventilation, and Air Conditioning (HVAC) System Diagnostics | 56 | 2 |
| • Selected Social Science Course | | 48 | 3 |
| Total | | 468 | 18 |

- Students who transfer in two credits in computer science will take CSC 101 – Computer Essentials for 1 credit.
- Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk can be transferred directly to the university system under the terms of articulation agreements. Students should speak with an advisor before selecting transferable courses.

Behavioral Science

[PSYC 100](#) – Psychology of Human Relations
[PSYC 101](#) – General Psychology *

Mathematics

[MATH 100](#) – Applied General Math
[MATH 101](#) – Intermediate Algebra
[MATH 102](#) – College Algebra *

Communications

[COMM 101](#) – Contemporary Communication
[ENGL 101](#) – Composition *
[SPCM 101](#) – Fundamentals of Speech *

Social Science

[ECON 105](#) – Leadership in the Global Workplace
[ECON 201](#) – Principles of Economics I (Micro) *
[ECON 202](#) – Principles of Economics II (Macro) *
[SOC 100](#) – Introduction to Sociology *