

18 Months
Credits Required for Graduation: 72

2010 – 2011 Revised: 6/10

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	42	1.5
DT 140	Electrical Systems	98	3.5
DT 152	Power Trains	126	4.5
DT 165	Heating, Ventilation, and Air Conditioning (HVAC)	98	3.5
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	Hydraulics	84	3
DT 126	Multi-cylinder Engine Overhaul	112	4
DT 134	Hydraulic Brakes	28	1
DT 173	Preventive Maintenance	56	2
DT 179	Diesel Engines I	42	1.5
DT 267	Shop Management	14	.5
•• 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	84	3
DT 210	Diesel Engines II	84	3
DT 219	Diesel Engine Tune-up and Troubleshooting	84	3
DT 235	Applied Failure Analysis	42	1.5
DT 242	Tractor Electrical System Diagnostics	56	2
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	112	4
DT 267	Shop Management	14	.5
DT 278	Combine Hydraulic and Electrical Familiarization	28	1
DT 282	Tractor Shop Production II	196	7
DT 291	Tractor Electronic Controls/Global Positioning Systems and Auto Steer	70	2.5
• Selected Social Science Course		48	3
Total		468	18

Note: DT 267 will be deleted from the Ag/Industrial Tractor Option Second Year Spring Semester in the Fall of 2011 and only offered in the First Year Spring Semester. The course DT 291 will then be 3 credits.

Diesel Technology

Second Year – Fall Semester – Truck Option

Course Number	Course Title	Clock Hours	Credits
DT 200	Diesel Fuel System Diagnostics	84	3
DT 210	Diesel Engines II	84	3
DT 219	Diesel Engine Tune-up and Troubleshooting	84	3
DT 220	Truck Preventive Maintenance	42	1.5
DT 231	Truck Drive Trains	56	2
DT 235	Applied Failure Analysis	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 216	Truck Suspension and Steering	112	4
DT 217	Truck Brake Systems	112	4
DT 225	Truck Electrical Testing	84	3
DT 229	Electronic Engine Controls	112	4
• 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 Microeconomics I *
[ECON 202](#) – Principles of Macroeconomics II *
[SOC 100](#) – Introduction to Sociology *