



**Northwest Technical Institute**  
rethink education

## Medium and Heavy Truck Curriculum

The following courses must be satisfactorily completed to receive a diploma in Medium and Heavy Truck Technology:

Course Number	Course Name	Clock Hours	Credit Hours	FA hours
COM1103	Technical Communications I	48	3	1.28
COM1203	Technical Communications II	48	3	1.28
DTT1005	Electrical Systems	80	5	2.13
DTT1505	Tractor & Trailer Brakes	80	5	2.13
DTT1806	Directed Study I	194	6	5.17
WLD1201	Basic Welding	30	1	.80
DTT2304	Drive Train & Axles	74	4	1.97
DTT2509	Directed Study II	270	9	7.2
DTT2604	Diesel Engines	74	4	1.97
DTT2901	Truck/Trailer Hydraulics	15	1	.40
DTT3302	Suspension & Steering	30	2	.80
DTT3503	Advanced HD Diagnostic	90	3	2.4
DTT3502	Tractor Climate Control	30	2	.80
DTT3506	Heavy Duty Electrical	90	6	2.4
DTT3211	Directed Study III	330	11	8.8
DTT3002	Preventative Maintenance Inspections	30	2	.80
MTH1103	Technical Mathematics I	48	3	1.28
	<b>Total Hours</b>	<b>1,561</b>	<b>69</b>	<b>41.61</b>

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709 S. Old Missouri Road  
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## **MEDIUM and Heavy Truck Curriculum**

### **Suggested Schedule**

#### **Semester I**

COM1103 Technical Communications I  
WLD1201 Basic Welding  
DTT1005 Electrical Systems  
DTT1806 Directed Study I  
DTT1505 Tractor & Trailer Brakes  
MTH1103 Technical Mathematics I

#### **Semester II**

COM1203 Technical Communications II  
DTT2304 Drive Train & Axles  
DTT2509 Directed Study II  
DTT2604 Diesel Engines  
DTT2901 Truck/Trailer Hydraulics

#### **Semester III**

DTT3002 Preventative Maintenance Inspections  
DTT3610 Directed Study III  
DTT3502 Tractor Climate Control  
DTT3506 Heavy Duty Electronic Systems

#### **Summer**

DTT3503 Advanced Practice  
DTT3302 Suspension & Steering

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