

Automotive Brake Specialist

Postsecondary Technical Certificate 11 Credits

ASE 151	Automotive Brake Systems	2
ASE 163	Introduction to Automotive Electronics	5
ASE 184	Basic Computer Controlled Engines Systems	2
ASE 252	Antilock & Power Brake Systems	2

Automotive Electronics Specialist

Postsecondary Technical Certificate 16 Credits

ASE 163	Introduction to Automotive Electronics	5
ASE 181	Basic Ignition Systems and Tune-up	2
ASE 182	Advanced Ignition Systems and Tune-up	2
ASE 184	Basic Computer Controlled Engines Systems	2
ASE 262	Automotive Electronics	2
ASE 264	Advanced Automotive Electronic Component Testing and Safety	3

Automotive Engine Performance Specialist

Postsecondary Technical Certificate 28 Credits

ASE 163	Introduction to Automotive Electronics	5
ASE 181	Basic Ignition Systems and Tune-up	2
ASE 182	Advanced Ignition Systems and Tune-up	2
ASE 183	Gasoline Fuel Systems	2
ASE 184	Basic Computer Controlled Engines Systems	2
ASE 262	Automotive Electronics	2
ASE 285	Gasoline Fuel Injection Systems	3
ASE 286	Computer Controlled Engines Systems	3
ASE 287	Emission Control Systems	3
ASE 288	On Board Diagnostics II	1
ASE 293	New Generation OBD III	3

Automotive Engine Repair Specialist

Postsecondary Technical Certificate 8 Credits

ASE 111	Basic Power Plant Systems	2
ASE 112	Upper Power Plant Systems	2
ASE 113	Lower Power Plant Systems	2
ASE 181	Basic Ignition Systems and Tune-up	2

Automotive Heating & Air Conditioning Specialist

Postsecondary Technical Certificate 14 Credits

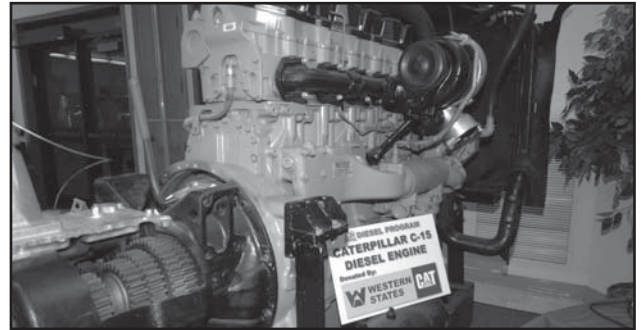
ASE 163	Introduction to Automotive Electronics	5
ASE 171	Heating and Air Conditioning	2
ASE 184	Basic Computer Controlled Engines Systems	2
ASE 262	Automotive Electronics	2
ASE 286	Computer Controlled Engines Systems	3

Automotive Power Trains, Suspension & Steering Specialist

Postsecondary Technical Certificate 11 Credits

ASE 131	Manual Drivetrain & Axles	2
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ASE 141	Automotive Suspension & Steering Systems	2
ASE 163	Introduction to Automotive Electronics	5
ASE 242	Computerized Suspension & Steering Systems	2



DIESEL TECHNOLOGY

Diesel Technology

Associate of Applied Science Degree 80 Credits

Semester 1

ASE 141	Automotive Suspension & Steering Systems	2
ASE 163	Introduction to Automotive Electronics	5
ASE 171	Heating and Air Conditioning	2
ASE 181	Basic Ignition Systems and Tune-up	2
ASE 182	Advanced Ignition Systems and Tune-up	2
MAT 110	Technical Mathematics	3
MTD 101	Industrial Safety and Report Writing	3

Semester 2

ASE 111	Basic Power Plant Systems	2
ASE 112	Upper Power Plant Systems	2
ASE 113	Lower Power Plant Systems	2
ASE 121	Automatic Transmissions	3
ASE 131	Manual Drivetrain & Axles	2
ASE 151	Automotive Brake Systems	2
ENG 101	English Composition	3

Summer Term

PSY 101	Introduction to Psychology	3 OR
SOC 101	Introduction to Sociology	3
	General Education Elective	3

Semester 3

ASE 233	Heavy Duty Drivetrain/Transmissions and Clutches	3
ASE 243	Heavy Duty Suspension and Steering	2
ASE 252	Antilock & Power Brake Systems	2
ASE 253	Air Brake Systems	2
ASE 266	Diesel Electrical Systems	5
ASE 291	Fluid Power Systems	2
COM 101	Fundamentals of Speech	3

Semester 4

ASE 214	Diesel Engine Rebuilding	2
ASE 216	Diesel Engine Service	2
ASE 284	Light Truck Diesel Fuel Systems	2
ASE 289	Heavy Duty Diesel Fuel Injection Systems	2
ASE 292	Computer Engine Controls for Diesel Engines	5
OCR 105	Occupational Relations	3



Night Course Fall or Spring Semester

MAT 123 Mathematics in Modern Society 4

Enhancements

CIS 101 Computer Information Systems 3

Diesel Technology

Advanced Technical Certificate 64 Credits

Semester 1

ASE 141 Automotive Suspension & Steering Systems 2
 ASE 163 Introduction to Automotive Electronics 5
 ASE 171 Heating and Air Conditioning 2
 ASE 181 Basic Ignition Systems and Tune-up 2
 ASE 182 Advanced Ignition Systems and Tune-up 2
 MAT 110 Technical Mathematics 3
 MTD 101 Industrial Safety and Report Writing 3

Semester 2

ASE 111 Basic Power Plant Systems 2
 ASE 112 Upper Power Plant Systems 2
 ASE 113 Lower Power Plant Systems 2
 ASE 121 Automatic Transmissions 3
 ASE 131 Manual Drivetrain & Axles 2
 ASE 151 Automotive Brake Systems 2

Semester 3

ASE 233 Heavy Duty Drivetrain/Transmissions and Clutches 3
 ASE 243 Heavy Duty Suspension and Steering 2
 ASE 252 Antilock & Power Brake Systems 2
 ASE 253 Air Brake Systems 2
 ASE 266 Diesel Electrical Systems 5
 ASE 291 Fluid Power Systems 2

Semester 4

ASE 214 Diesel Engine Rebuilding 2
 ASE 216 Diesel Engine Service 2
 ASE 284 Light Truck Diesel Fuel Systems 2
 ASE 289 Heavy Duty Diesel Fuel Injection Systems 2
 ASE 292 Computer Engine Controls for Diesel Engines 5
 OCR 105 Occupational Relations 3

Enhancement

CIS 101 Computer Information Systems 3

Diesel Engine Specialist

Postsecondary Technical Certificate 29 Credits

ASE 111 Basic Power Plant Systems 2
 ASE 112 Upper Power Plant Systems 2
 ASE 113 Lower Power Plant Systems 2
 ASE 163 Introduction to Automotive Electronics 5
 ASE 214 Diesel Engine Rebuilding 2
 ASE 216 Diesel Engine Service 2
 ASE 266 Diesel Electrical Systems 5
 ASE 284 Light Truck Diesel Fuel Injection Systems 2
 ASE 289 Heavy Duty Diesel Fuel Injection Systems 2
 ASE 292 Computer Engine Controls for Diesel Engines 5

Diesel Fuel Injection Specialist

Postsecondary Technical Certificate 19 Credits

ASE 163 Introduction to Automotive Electronics 5
 ASE 266 Diesel Electrical Systems 5
 ASE 284 Light Truck Diesel Fuel Injection Systems 2
 ASE 289 Heavy Duty Diesel Fuel Injection Systems 2
 ASE 292 Computer Engine Controls for Diesel Engines 5

Diesel Heavy Duty Brake Specialist

Postsecondary Technical Certificate 16 Credits

ASE 151 Automotive Brake Systems 2
 ASE 163 Introduction to Automotive Electronics 5
 ASE 252 Antilock & Power Brake Systems 2
 ASE 253 Air Brake Systems 2
 ASE 292 Computer Engine Controls for Diesel Engines 5

Diesel Heavy Duty Drive Train Specialist

Postsecondary Technical Certificate 12 Credits

ASE 131 Manual Drivetrain & Axles 2
 ASE 163 Introduction to Automotive Electronics 5
 ASE 233 Heavy Duty Drivetrain/Transmissions and Clutches 3
 ASE 291 Fluid Power Systems 2

Diesel Heavy Duty Electrical Systems Specialist

Postsecondary Technical Certificate 15 Credits

ASE 163 Introduction to Automotive Electronics 5
 ASE 266 Diesel Electrical Systems 5
 ASE 292 Computer Engine Controls for Diesel Engines 5

