

## COURSE SLO ASSESSMENT 4-YEAR TIMELINE

Unit Name	Course SLO Assessment Cycle	Course ID	Course Name	Course SLO Title	Course SLO Statement
El Camino: Course SLOs (IND) - Automotive Technology		ECC: ATEC 35	Manual Transmission, Drive Train and Drive Axles	SLO #5 Four-Wheel Drive	Students will determine four-wheel drive or all-wheel drive component diagnosis and repair.
	2014-15 (Fall 2014)	ECC: ATEC 21	Introduction to Engine Tune-Up	SLO #3 Battery System Test	The student will be able to test the performance of the automotive battery charging and starting systems using the Automotive Battery/ Charging/Starting Systems Testing lab worksheet and manufacturer specifications.
	2014-15 (Spring 2015)	ECC: ATEC 1	Introduction to Automotive Service	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2014-15 (Spring 2015)	ECC: ATEC 22A	Introduction to Tune-Up, Electrical and Fuel Systems	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2014-15 (Spring 2015)	ECC: ATEC 22B	Advanced Tune-Up, Electrical and Fuel Systems	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2014-15 (Spring 2015)	ECC: ATEC 25	Automotive Electrical Systems	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2014-15 (Spring 2015)	ECC: ATEC 25	Automotive Electrical Systems	SLO #2 Battery System Test	The student will be able to test the performance of the automotive battery charging and starting systems using the Automotive Battery/ Charging/ Starting Systems Testing lab worksheet and manufacturer specifications.
	2014-15 (Spring 2015)	ECC: ATEC 42	Engine Repair	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2014-15 (Summer 2015)	ECC: ATEC 23	Major Tune-Up and Emission Controls	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2014-15 (Summer 2015)	ECC: ATEC 81	Automotive Air Conditioning	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2015-16 (Fall 2015)	ECC: ATEC 21	Introduction to Engine Tune-Up	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the

Unit Name	Course SLO Assessment Cycle	Course ID	Course Name	Course SLO Title	Course SLO Statement
	2015-16 (Fall 2015)	ECC: ATEC 21	Introduction to Engine Tune-Up	SLO #1 Safety Exam	Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2015-16 (Fall 2015)	ECC: ATEC 41	Engine Rebuilding	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2015-16 (Spring 2016)	ECC: ATEC 1	Introduction to Automotive Service	SLO #2 Under Hood Inspection	The student will perform a vehicle under hood inspection and complete a Vehicle Under Hood Inspection lab sheet.
	2015-16 (Spring 2016)	ECC: ATEC 22A	Introduction to Tune-Up, Electrical and Fuel Systems	SLO #2 Engine Analysis	The student will perform an analysis of an engine using the Automotive Compression/ Cylinder Leakage Test/ Vacuum Testing lab worksheet to manufacturer specifications.
	2015-16 (Spring 2016)	ECC: ATEC 22B	Advanced Tune-Up, Electrical and Fuel Systems	SLO #2 Battery System Test	The student will be able to test the performance of the automotive battery charging and starting systems using the Automotive Battery/ Charging/ Starting Systems Testing lab worksheet and manufacturer specifications.
	2015-16 (Spring 2016)	ECC: ATEC 23	Major Tune-Up and Emission Controls	SLO #2 Engine Analysis	The student will perform an analysis of an engine using the Automotive Compression/ Cylinder Leakage Test/ Vacuum Testing lab worksheet to manufacturer specifications.
	2015-16 (Spring 2016)	ECC: ATEC 42	Engine Repair	SLO #2 Engine Analysis	The student will perform an analysis of an engine to manufacturer specifications and complete Automotive Compression/ Cylinder Leakage Test/ Vacuum and Oil Pressure lab worksheets.
	2015-16 (Spring 2016)	ECC: ATEC 45	Automotive Machining	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2015-16 (Spring 2016)	ECC: ATEC 45	Automotive Machining	SLO #2 Cylinder Head Recondition	The student will recondition an automotive cylinder head using manufacturer procedures and specifications, then complete a lab sheet.
	2015-16 (Spring 2016)	ECC: ATEC 45	Automotive Machining	SLO #3 Machining Engine Components	The student will measure, inspect and analyze automotive components with precision instruments, perform varied machine work as required to recondition the components using manufacturer procedures and specifications, and complete a lab sheet.
	2015-16 (Summer 2016)	ECC: ATEC 81	Automotive Air Conditioning	SLO #2 A/C System Analysis	The student will perform an analysis of automotive system using an air conditioning gauge set to manufacturer specifications and complete a lab sheet.
	2016-17 (Fall 2016)	ECC: ATEC 21	Introduction to Engine Tune-Up	SLO #2 Engine Analysis	The student will perform and analysis of an engine using the Automotive Compression/ Cylinder Leakage Test /Vacuum Testing lab worksheet to manufacturer specifications.
	2016-17 (Fall 2016)	ECC: ATEC 24	Fuel Systems and Emissions	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with

Unit Name	Course SLO Assessment Cycle	Course ID	Course Name	Course SLO Title	Course SLO Statement
	2016-17 (Fall 2016)	ECC: ATEC 24	Fuel Systems and Emissions	SLO #1 Safety Exam	100% accuracy.
	2016-17 (Fall 2016)	ECC: ATEC 24	Fuel Systems and Emissions	SLO #2 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer / Scanner lab worksheet to manufacturer specifications.
	2016-17 (Fall 2016)	ECC: ATEC 24	Fuel Systems and Emissions	SLO #3 Fuel System Test	The student will be able to test the performance of an automotive fuel system using the Fuel System Performance Testing lab worksheet and manufacturer specifications.
	2016-17 (Fall 2016)	ECC: ATEC 41	Engine Rebuilding	SLO #2 Cylinder Head Recondition	The student will recondition an automotive cylinder head using manufacturer procedures and specifications, then complete a lab sheet.
	2016-17 (Spring 2017)	ECC: ATEC 22A	Introduction to Tune-Up, Electrical and Fuel Systems	SLO #3 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer/ Scanner lab worksheet to manufacturer specifications.
	2016-17 (Spring 2017)	ECC: ATEC 25	Automotive Electrical Systems	SLO #3 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer / Scanner lab worksheet to manufacturer specifications.
	2017-18 (Fall 2017)	ECC: ATEC 26	Automotive Testing and Diagnosis	SLO #3 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer / Scanner lab worksheet to manufacturer specifications.
	2017-18 (Spring 2018)	ECC: ATEC 1	Introduction to Automotive Service	SLO #3 Under Vehicle Inspection	The student will perform an under vehicle inspection and complete and Under Vehicle Inspection lab sheet.
	2017-18 (Spring 2018)	ECC: ATEC 14	Brakes	SLO #1 Safety	Students must comply with shop safety practices though safety exam proficiency.
	2017-18 (Spring 2018)	ECC: ATEC 16	Suspension and Four Wheel Alignment	SLO #1 Safety	Students must comply with shop safety practices through safety exam proficiency.
	2017-18 (Spring 2018)	ECC: ATEC 22A	Introduction to Tune-Up, Electrical and Fuel Systems	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2017-18 (Spring 2018)	ECC: ATEC 22A	Introduction to Tune-Up, Electrical and Fuel Systems	SLO #4 Fuel System Test	The student will be able to test the performance of an automotive fuel system using the Fuel System Performance Testing lab worksheet and manufacturer specifications.
	2017-18 (Spring 2018)	ECC: ATEC 22B	Advanced Tune-Up, Electrical and Fuel Systems	SLO #3 Powertrain Control Module	The student will be able to test the performance of the automotive computer controlled system using the Automotive Powertrain Control Module Data lab worksheet and manufacturer specifications.
	2017-18 (Spring 2018)	ECC: ATEC 23	Major Tune-Up and Emission Controls	SLO #3 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer / Scanner lab worksheet to manufacturer specifications.
	2017-18 (Spring 2018)	ECC: ATEC 34	Automatic Transmissions	SLO #1 Safety	Students must comply with shop safety practices though safety exam proficiency.

Unit Name	Course SLO Assessment Cycle	Course ID	Course Name	Course SLO Title	Course SLO Statement
	2017-18 (Spring 2018)	ECC: ATEC 34	Automatic Transmissions	SLO #2 General	Students will examine general automatic transmission and transaxle diagnosis.
	2017-18 (Spring 2018)	ECC: ATEC 34	Automatic Transmissions	SLO #3 In-Vehicle	Students will illustrate in-vehicle automatic transmission/transaxle maintenance and repair.
	2017-18 (Spring 2018)	ECC: ATEC 34	Automatic Transmissions	SLO #4 Off-Vehicle	Students will illustrate off-vehicle automatic transmission/transaxle repair.
	2017-18 (Spring 2018)	ECC: ATEC 42	Engine Repair	SLO #3 Cooling System Analysis	The student will test and analyze an automotive engine cooling system using manufacturer procedures and specifications, then complete a lab sheet.
	2017-18 (Spring 2018)	ECC: ATEC 43	Introduction to Engine Repair	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2017-18 (Spring 2018)	ECC: ATEC 43	Introduction to Engine Repair	SLO #2 Engine Analysis	The student will perform an analysis of an engine to manufacturer specifications and complete Automotive Compression/ Cylinder Leakage Test/ Vacuum and Oil Pressure lab worksheets.
	2017-18 (Spring 2018)	ECC: ATEC 43	Introduction to Engine Repair	SLO #3 Cooling System Analysis	The student will test and analyze an automotive engine cooling system using manufacturer procedures and specifications, then complete a lab sheet.
	2017-18 (Summer 2018)	ECC: ATEC 81	Automotive Air Conditioning	SLO #3 Evacuation & Recharge	The student will perform an evacuation and recharge of the refrigerant from the automotive air conditioning system according to industry standards and complete a lab sheet.
	2018-19 (Fall 2018)	ECC: ATEC 14	Brakes	SLO #2 General	Students will complete general brake systems diagnosis.
	2018-19 (Fall 2018)	ECC: ATEC 21	Introduction to Engine Tune-Up	SLO #3 Battery System Test	The student will be able to test the performance of the automotive battery charging and starting systems using the Automotive Battery/ Charging/Starting Systems Testing lab worksheet and manufacturer specifications.
	2018-19 (Fall 2018)	ECC: ATEC 24	Fuel Systems and Emissions	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2018-19 (Fall 2018)	ECC: ATEC 24	Fuel Systems and Emissions	SLO #2 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer / Scanner lab worksheet to manufacturer specifications.
	2018-19 (Fall 2018)	ECC: ATEC 35	Manual Transmission, Drive Train and Drive Axles	SLO #1 Safety	Students must comply with shop safety practices though safety exam proficiency.
	2018-19 (Fall 2018)	ECC: ATEC 41	Engine Rebuilding	SLO #3 Engine Inspection & Test	The student will disassemble, inspect, measure and evaluate the parts of an automotive engine, then reassemble and test the engine using manufacturer procedures and specifications.
	2018-19 (Spring 2019)	ECC: ATEC 1	Introduction to Automotive Service	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with

Unit Name	Course SLO Assessment Cycle	Course ID	Course Name	Course SLO Title	Course SLO Statement
	2018-19 (Spring 2019)	ECC: ATEC 1	Introduction to Automotive Service	SLO #1 Safety Exam	100% accuracy.
	2018-19 (Spring 2019)	ECC: ATEC 16	Suspension and Four Wheel Alignment	SLO #2 General	Students will examine general suspension and steering systems.
	2018-19 (Spring 2019)	ECC: ATEC 22A	Introduction to Tune-Up, Electrical and Fuel Systems	SLO #2 Engine Analysis	The student will perform an analysis of an engine using the Automotive Compression/ Cylinder Leakage Test/ Vacuum Testing lab worksheet to manufacturer specifications.
	2018-19 (Spring 2019)	ECC: ATEC 22B	Advanced Tune-Up, Electrical and Fuel Systems	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2018-19 (Spring 2019)	ECC: ATEC 35	Manual Transmission, Drive Train and Drive Axles	SLO #2 General	Students will examine general drive train diagnosis.
	2018-19 (Spring 2019)	ECC: ATEC 42	Engine Repair	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2018-19 (Spring 2019)	ECC: ATEC 45	Automotive Machining	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2018-19 (Spring 2019)	ECC: ATEC 45	Automotive Machining	SLO #2 Cylinder Head Recondition	The student will recondition an automotive cylinder head using manufacturer procedures and specifications, then complete a lab sheet.
	2018-19 (Summer 2019)	ECC: ATEC 81	Automotive Air Conditioning	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2019-20 (Fall 2019)	ECC: ATEC 11	Brakes, Suspension and Four Wheel Alignment	SLO #1 Safety	Students must comply with shop safety practices though safety exam proficiency.
	2019-20 (Fall 2019)	ECC: ATEC 11	Brakes, Suspension and Four Wheel Alignment	SLO #2 General	Students will examine general brake, suspension, and steering systems.
	2019-20 (Fall 2019)	ECC: ATEC 11	Brakes, Suspension and Four Wheel Alignment	SLO #3 Diagnosis and Repair	Students will have comprehension of hydraulic system, disc brake, drum brake, and power-assist unit, steering, suspension, and related component systems diagnosis and repair.
	2019-20 (Fall 2019)	ECC: ATEC 11	Brakes, Suspension and Four Wheel Alignment	SLO #6 Antilock Brake	Students will analyze electronic brake control systems: Antilock Brake (ABS), Traction Control (TCS), and Electronic Stability Control (ESC) systems diagnosis and repair.
	2019-20 (Fall 2019)	ECC: ATEC 21	Introduction to Engine Tune-Up	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.

Unit Name	Course SLO Assessment Cycle	Course ID	Course Name	Course SLO Title	Course SLO Statement
	2019-20 (Fall 2019)	ECC: ATEC 23	Major Tune-Up and Emission Controls	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2019-20 (Fall 2019)	ECC: ATEC 25	Automotive Electrical Systems	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2019-20 (Fall 2019)	ECC: ATEC 25	Automotive Electrical Systems	SLO #2 Battery System Test	The student will be able to test the performance of the automotive battery charging and starting systems using the Automotive Battery/ Charging/ Starting Systems Testing lab worksheet and manufacturer specifications.
	2019-20 (Fall 2019)	ECC: ATEC 25	Automotive Electrical Systems	SLO #3 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer / Scanner lab worksheet to manufacturer specifications.
	2019-20 (Fall 2019)	ECC: ATEC 26	Automotive Testing and Diagnosis	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy
	2019-20 (Fall 2019)	ECC: ATEC 26	Automotive Testing and Diagnosis	SLO #2 Powertrain Control Module	The student will be able to test the performance of the automotive computer controlled system using the Automotive Powertrain Control Module Data lab worksheet and manufacturer specifications.
	2019-20 (Fall 2019)	ECC: ATEC 26	Automotive Testing and Diagnosis	SLO #3 Engine Condition & Performance	The student will test and evaluate engine condition and performance using an Engine Analyzer / Scanner lab worksheet to manufacturer specifications.
	2019-20 (Fall 2019)	ECC: ATEC 33	Transmission, Drive Train and Drive Axles	SLO #1 Safety	Students must comply with shop safety practices though safety exam proficiency.
	2019-20 (Fall 2019)	ECC: ATEC 33	Transmission, Drive Train and Drive Axles	SLO #2 General	Students will examine general automatic/manual transmission/transaxle clutch and drive axle diagnosis and repair.
	2019-20 (Fall 2019)	ECC: ATEC 34	Automatic Transmissions	SLO #1 Safety	Students must comply with shop safety practices though safety exam proficiency.
	2019-20 (Fall 2019)	ECC: ATEC 41	Engine Rebuilding	SLO #1 Safety Exam	Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.
	2019-20 (Spring 2020)	ECC: ATEC 11	Brakes, Suspension and Four Wheel Alignment	SLO #4 Wheel Alignment	Students will illustrate proper wheel alignment diagnosis, adjustment, and repair.
	2019-20 (Spring 2020)	ECC: ATEC 11	Brakes, Suspension and Four Wheel Alignment	SLO #5 Related Systems	Students will distinguish related systems (i.e. Wheel Bearings, Parking Brakes, Wheel, Tire, and Electrical), diagnosis, and repair.
	2019-20 (Spring 2020)	ECC: ATEC 14	Brakes	SLO #3 System Specific	Students will have comprehension of hydraulic system, disc brake, drum brake, and power-assist unit diagnosis and repair.

Unit Name	Course SLO Assessment Cycle	Course ID	Course Name	Course SLO Title	Course SLO Statement
	2019-20 (Spring 2020)	ECC: ATEC 16	Suspension and Four Wheel Alignment	SLO #3 Diagnosis and Repair	Students will have comprehension of steering, suspension, and related component systems diagnosis and repair.
	2019-20 (Spring 2020)	ECC: ATEC 35	Manual Transmission, Drive Train and Drive Axles	SLO #3 Diagnosis and Repair	Students will have a comprehension of clutch, manual transmission/transaxle and drive axle diagnosis and repair.
	2019-20 (Summer 2020)	ECC: ATEC 81	Automotive Air Conditioning	SLO #2 A/C System Analysis	The student will perform an analysis of automotive system using an air conditioning gauge set to manufacturer specifications and complete a lab sheet.
	2020-21 (Fall 2020)	ECC: ATEC 14	Brakes	SLO #4 Related Systems	Students will distinguish related systems (i.e. Wheel Bearings, Parking Brakes, and Electrical) diagnosis and repair.
	2020-21 (Fall 2020)	ECC: ATEC 16	Suspension and Four Wheel Alignment	SLO #4 Wheel Alignment	Students will illustrate proper wheel alignment diagnosis, adjustment, and repair.
	2020-21 (Fall 2020)	ECC: ATEC 21	Introduction to Engine Tune-Up	SLO #2 Engine Analysis	The student will perform and analysis of an engine using the Automotive Compression/ Cylinder Leakage Test /Vacuum Testing lab worksheet to manufacturer specifications.
	2020-21 (Fall 2020)	ECC: ATEC 33	Transmission, Drive Train and Drive Axles	SLO #3 In/Off Vehicle	Students will illustrate in/off vehicle automatic transmission/transaxle maintenance and repair.
	2020-21 (Fall 2020)	ECC: ATEC 34	Automatic Transmissions	SLO #2 General	Students will examine general automatic transmission and transaxle diagnosis.
	2020-21 (Spring 2021)	ECC: ATEC 14	Brakes	SLO #5 Antilock Brake	Students will analyze electronic brake control systems: Antilock Brake (ABS), Traction Control (TCS), and Electronic Stability Control (ESC) systems diagnosis and repair.
	2020-21 (Spring 2021)	ECC: ATEC 16	Suspension and Four Wheel Alignment	SLO #5 Wheel and Tire	Students will determine wheel and tire diagnosis and repair.
	2020-21 (Spring 2021)	ECC: ATEC 35	Manual Transmission, Drive Train and Drive Axles	SLO #4 Drive Shaft	Students will illustrate drive shaft and half shaft, universal and constant-velocity (CV) joint diagnosis and repair.
	2021-22 (Fall 2021)	ECC: ATEC 33	Transmission, Drive Train and Drive Axles	SLO #4 Shaft	Students will illustrate drive shaft and half shaft, universal and constant-velocity (CV) joint diagnosis and repair.
	2021-22 (Fall 2021)	ECC: ATEC 33	Transmission, Drive Train and Drive Axles	SLO#5 Four-Wheel Drive	Students will determine four-wheel drive or all-wheel drive component diagnosis and repair.
	2021-22 (Fall 2021)	ECC: ATEC 34	Automatic Transmissions	SLO #3 In-Vehicle	Students will illustrate in-vehicle automatic transmission/transaxle maintenance and repair.
	2022-23 (Fall 2022)	ECC: ATEC 34	Automatic Transmissions	SLO #4 Off-Vehicle	Students will illustrate off-vehicle automatic transmission/transaxle repair.