



## PROGRAM OF STUDY

### Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician Certificate of Achievement

Term Effective: Fall 2009

Total Units: 47.5 - 62.5

The courses listed in the Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician certificate are selected to provide a comprehensive set of job skills needed by Toyota, Lexus and Scion technicians. In addition to improving the student's employability, the skills developed in each course will enhance their ability to become Automotive Service Excellence (ASE) certified in all eight ASE areas. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement.

#### Required courses from within the major

All of the following automotive courses:

Course	Title	Units	Completed	In Progress	Need
AUTO 101	Fundamentals of Automotive Service, Diagnosis and Repair	5			
AUTO 167	Automotive HVAC Service, Diagnosis & Repair	3			
AUTO 281	Advanced Toyota Certified Technician Training	6.5			

*Note: AUTO 281 is a capstone course and must be taken after all other major coursework is completed.*

Electrical courses:

Course	Title	Units	Completed	In Progress	Need
AUTO 146	Automotive Electrical Systems	4			
AUTO 156	Automotive Electrical/Electronic Systems I	5			
	<b>and</b>				
AUTO 166	Automotive Electrical/Electronic Systems II	3			

Choose one (1) of the following engine repair courses:

Course	Title	Units	Completed	In Progress	Need
AUTO 141	Engine Mechanical Systems	4			
AUTO 151	Engine Service, Diagnosis and Repair	5			

Choose one (1) of the following chassis courses:

Course	Title	Units	Completed	In Progress	Need
AUTO 144	Chassis Systems	5			
AUTO 154	Chassis Service, Diagnosis, and Repair	8			

Choose one (1) of the following drivetrain courses:

Course	Title	Units	Completed	In Progress	Need
AUTO 142	Drivetrain Systems	5			
AUTO 162	Drivetrain Service, Diagnosis and Repair	8			

Choose one (1) of the following engine control courses:

Course	Title	Units	Completed	In Progress	Need
AUTO 148	Engine Control Systems	5			
AUTO 168	Engine Control Systems Service, Diagnosis and Repair	8			

Plus four (4) units of the following:

Course	Title	Units	Completed	In Progress	Need
AUTO 230A	Automotive Service and Repair Work Experience A	1			
AUTO 230B	Automotive Service and Repair Work Experience B	2			
AUTO 230C	Automotive Service and Repair Work Experience C	3			
AUTO 230D	Automotive Service and Repair Work Experience D	4			

### Required courses from outside the major

Select one (1) of the following language arts courses:

Course	Title	Units	Completed	In Progress	Need
ENGL 100	Fundamentals of Composition	3			
ENGL 101	Reading and Composition	3			
ESL 100	Fundamentals of Composition	4			
ESL 101	Reading and Composition	3			

Choose one (1) of the following mathematics courses:

Course	Title	Units	Completed	In Progress	Need
MATH 115	Business Mathematics	3			
MATH 130	Elementary Algebra	4			

*Students may substitute a higher level math course*

Total Units: 47.5 - 62.5

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or go to: [www.citruscollege.edu/stdntsrv/counsel/certificates](http://www.citruscollege.edu/stdntsrv/counsel/certificates)