

# IVE TECHNOLOG - E IN SCIENCE

**Plan Code**

This program will emphasize introductory general automotive repair, engine repair, automatic and manual drivetrain, wheel alignment, brake systems, electrical system, air conditioning, fuel systems, and automotive light technology. Upon completion students are prepared for all national Automotive Service Excellence (ASE) certification and also will receive one year of work experience to receive ASE certification. The A.S. Degree in Automotive Technology graduates are ready for entry-level automotive positions and that students have mastered good ethics and work in a safe environment.

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Complete one of the following: <sup>1</sup> 19-39

<sup>19</sup> LBCC General Education (Plan A) (<https://lbcc-public.courseleaf.com/academic-requirements/general->

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Plan Code: 3941

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Code Number Course Title Units

REQUIRED COURSES

**Program Description**

This program prepares students for entry-level employment in the automotive industry such as a service attendant, novice mechanic, assistant technician, mechanic's helper, pre-delivery (PDI) technician, installer, service technician, engine and drive trains service technician, and/or automotive related position in the industry.

- Describe and demonstrate automotive shop practice safety and automotive systems' operation fundamentals in order to apply practical service and diagnostic during automotive servicing and repair.

Course Number	Course Title	Units
ADMT 50	Advanced Manufacturing, Introduction	3
AUTO 200	Introduction to Automotive Technology	3
AUTO 201	Automotive Lubrication Service	1
AUTO 211	Automotive Engine Repair	3
AUTO 212	Automotive Automatic Transmission	3
AUTO 213	Automotive Manual Transmission	3
<b>Total Units</b>		<b>16</b>

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## Plan Code 390

This program prepares students for entry-level employment in the automotive industry such as a service attendant, novice mechanic, assistant technician, mechanic's helper, pre-delivery (PDI) technician, installer, service technician,



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Plan Code: 4923

This program prepares students with skills and knowledge to obtain entry level employment as Quick Service Technicians in the automotive industry, and/or automotive related position in the industry.

# AUTOMOTIVE QUICK SERVICE - CERTIFICATE OF COMPLETION

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Plan Code: 6033

This program provides instruction in Automotive Quick Service Repair. Topics include composing an estimate for lubrication service, tire repair and brake inspection, communicate effectively with customers, demonstrate proper service procedures, including management of hazardous waste, and research potential job markets in the automotive service industry.

## Program Student Learning Outcomes

- Evaluate and prepare vehicles for quick service according to the manufacturer procedures.

## Program Requirements

Code Number	Course Title	Hours
REQUIRED COURSES		
AUTO 600	Introduction to Automotive Technology	90
AUTO 601	Automotive Lubrication Service	36
AUTO 602	Automotive Tire Service	36
AUTO 603	Automotive Brake Inspection	36
Total Hours		198

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