



Program Application & Registration

Students may enroll in the Automotive Technology program at the start of any quarter. Students must have a valid driver's license, an excellent driver history and be insurable to participate in work-based learning sections of this program. It is recommended that students be age 18 or over before undertaking the work-based learning component. Students must complete all major courses with a "C" grade or above to successfully complete the program and earn the award.

Fast Track Option

The evening Fast Track program is designed to allow students to complete an Associate in Applied Science degree in Automotive Technology courses in 14 months. With the addition of daytime classes, an even faster course completion is attainable. A Certificate of Proficiency can also be earned in a condensed time frame. General education requirements can be taken at your convenience. Contact the Advising Department for more information about Fast Track.

Note: The numbers in parenthesis on the following curricula represent the source numbers included in the Toyota Certified Technician Program. A student completing the T-TEN Program will receive TCTP credit for the Clark College AUTO courses also identified with a Toyota course number.

College Abilities

Clark College has identified six college-wide abilities that help students apply what they learn. The core abilities are taught across the curriculum and students continually practice and improve their skills in the six areas.

Communication

The ability to understand and deliver written, spoken and visual communication clearly and accurately.

Critical Thinking/Problem Solving

The ability to formulate, evaluate and synthesize facts, data, ideas, assumptions, values and points of view.

Effective Citizenship

The ability to identify community issues; evaluate and respect various opinions and values; and articulate one's own perspective.

Global/Multicultural Perspectives

The ability to identify, analyze and demonstrate how culture shapes world perceptions, values and behaviors.

Lifelong Learning

The ability to set and revise goals, access resources and assume responsibility for one's own learning.

Information/Technology

The ability to identify resources; retrieve and manage data; interpret, evaluate and use information; and adapt to changing technologies.



Clark College does not discriminate on the basis of race, color, national origin, sex, disability, age, religion, sexual orientation, gender identity, gender expression, political affiliation, creed, disabled veteran status, marital status, honorably discharged veteran or Vietnam-era veteran status in its programs and activities.

Technology Programs

Automotive Technology Toyota Technology



- Associate in Applied Science: Automotive Technology
- Certificate: Basic Automotive Technician
- Certificate: Advance Automotive Technician



Automotive Technology

Program Description

The Automotive Technology program prepares students for maintenance and repair employment opportunities in the automotive industry. Today's automotive technicians need proficient mechanical skills plus a thorough understanding of automotive computer and electrical systems.

Clark College's program utilizes current advanced diagnostic equipment and techniques to prepare students to work in this increasingly technical industry. Program benefits are as follows:

- Students receive comprehensive instruction consisting of both classroom theory and "real world" shop lab experience in all major automotive systems.
- Learning emphasizes safety, proper work habits, human relations skills and technical abilities necessary for employment.
- Graduates demonstrate in-depth knowledge and skills through demonstrated evaluations that meet required NATEF* (National Automotive Technicians Education Foundation) competencies.
- Graduates will be trained for successful completion of standard certification exams and NATEF exams.



Our Toyota Partnership

Clark College is an award-winning Toyota Technical Education Network (T-TEN) training center. Beside the basis for Clark College's Automotive Technology training curriculum, Toyota's affiliation offers additional

options for students to specialize in Toyota vehicle servicing. See Admissions for more details.

*Clark College is a National Automotive Technicians Education Foundation (NATEF) certified institution.

Automotive Technology

Associate in Applied Science Degree

Major Area Requirements

Fall Quarter

AUTO	110	Automotive Basics (TCTP 623,553)	15 credits
or	108	Safety Basics & Electricity (TCTP 623)	8 credits
and	109	Brakes (TCTP 552)	7 credits

Winter Quarter

AUTO	120	Chassis Systems (TCTP 453, 652)	15 credits
or	141	Chassis Systems (TCTP 453, 553, 652)	15 credits

Spring Quarter

AUTO	130	Engine Performance (TCTP 852)	15 credits
or	142	Engine Performance (TCTP 852)	15 credits

Summer Quarter

AUTO	199	Cooperative Work Experience or Internship	1-5 credits
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Fall Quarter

AUTO	210	Drive Trains and Engines (TCTP 302)	15 credits
or	240	Manual Transmissions, Axles & Engines (TCTP 302)	15 credits

Winter Quarter

AUTO	220	Advanced Power Trains (TCTP 274)	15 credits
or	241	Automatic Transmissions & Advanced Electrical (TCTP 274, 256)	15 credits

Spring Quarter

AUTO	230	Advanced Chassis Systems (TCTP 752, 256)	15 credits
or	242	A/C & Advanced Chassis Systems (TCTP 752, 256)	15 credits
WELD	105	Related Welding for Automotive	3 credits

General Education Requirements

Communication Skills	6 credits
Computational Skills	0-3 credits
Health & Physical Education	3 credits
Human Relations	3 credits
Humanities	3 credits
Sciences	3 credits
Social Sciences	3 credits
Total Credits Required	115-122 credits

Refer to the Degree & Certificate Requirements section in the Clark College Catalog to identify the courses needed to satisfy the General Education Requirements.

Toyota Technology

Associate in Applied Science Degree

The Toyota curriculum is inclusive in the Automotive Technology curriculum. An additional Toyota dealer cooperative work experience or internship is also necessary to complete the Toyota program.

Major Area Requirements

Fall Quarter

AUTO	110	Automotive Basics (TCTP 623, 553)	15 credits
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Winter Quarter

AUTO	120	Chassis Systems (TCTP 453, 652)	15 credits
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Spring Quarter

AUTO	130	Engine Performance (TCTP 852)	15 credits
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Summer Quarter

AUTO	199	Cooperative Work Experience or Internship	1-5 credits
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Fall Quarter

AUTO	210	Drive Trains and Engines (TCTP 302)	15 credits
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Winter Quarter

AUTO	220	Advanced Power Trains (TCTP 274)	15 credits
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Spring Quarter

AUTO	230	Advanced Chassis Systems (TCTP 752, 256)	15 credits
WELD	105	Related Welding for Automotive	3 credits

General Education Requirements

Communication Skills	6 credits
Computational Skills	0-3 credits
Health & Physical Education	3 credits
Human Relations	3 credits
Humanities	3 credits
Sciences	3 credits
Social Sciences	3 credits
Total Credits Required	115-122 credits

Refer to the Degree & Certificate Requirements section in the Clark College Catalog to identify the courses needed to satisfy the General Education Requirements.