AUTOMOTIVE TECHNOLOGY - T-TEN

CAREER PATHWAYS CERTIFICATE – AUTOMOTIVE BASIC TECHNICIAN – T-TEN – 40 CREDITS

CAREER DESCRIPTION

The goal of the T-TEN program is to train future automotive technicians to work for Toyota dealership service Departments. The T-TEN standard requires student technicians to receive 2 years of training that is divided between technical college classroom/lab education and Toyota dealership internship education experience. The Basic Certificate covers the first year series of courses needed to meet the T-TEN standards.

The T-TEN program requires each student to be sponsored by a Toyota dealer before entry into the program. The student works at the dealer in a paid internship position for approximately one half of the T-TEN training program. The individual sponsorship agreements are determined using recruiting and application processes between the student and the T-TEN coordinator prior to entry in the program.

The T-TEN Basic Certificate program at UCC consists of 2 quarter/terms of classroom and hands-on automotive systems instruction and 2 quarter/terms of Toyota dealer internship hands-on instruction. Each college quarter (term), the student-technicians alternate between instruction classes at UCC and internships at the sponsoring Toyota dealer. This alternate instruction will give the student-technician on the job training to support their UCC instruction classes.

PROGRAM OUTCOMES

Students who successfully complete this program will be able to:

1. Apply fundamentals of automotive service training, including the basics of automotive diagnostics and repair, pre-delivery inspection and warranty repair procedures.
2. Identify, inspect, disassemble and assemble basic components of automotive power plants.
3. Apply knowledge of the function, construction, operation troubleshooting and service of disc, drum and ABS brake systems, steering, suspension and wheel alignment.
4. Apply understanding of electrical principles, semi-conductors, microprocessors and wiring diagrams to diagnose and Repair malfunctions of automotive electrical systems.

PATHWAYS CERTIFICATE — Automotive Technology – Basic – T-TEN

40 Credits — Recommended Sequence for Students (Students should see an advisor to customize their educational plan.)

YEAR ONE

Fall	Intro to Toyota TTEN 100 5 CR	Auto Electricity I - Toyota TTEN 168 6 CR	Auto Electricity II - Toyota TTEN 169 6 CR	CREDITS 17
Winter	Suspension and Alignment – Toyota TTEN 150 5 CR	Internal Combustion Engines – Toyota TTEN 151 6 CR		CREDITS 11
Spring	Automotive Brakes – Toyota TTEN 155 6 CR	Cooperative Work Experience: Toyota T-TEN TTEN 280 6 CR		CREDITS 12

NOTES Scheduling requirements may prevent all courses from being offered every term. Consultation with an advisor is critical to student's selection of courses.

Please see an advisor for a planning worksheet for this program.