Automotive Technology Toyota/Lexus

Certificate Program

DIVISION OF AUTOMOTIVE TECHNOLOGY

The Toyota Technical Education Network (T-TEN) program is designed to provide the technical competence and professionalism needed to become a dealership technician. The program involves automotive lecture/ laboratory instruction focusing on Toyota/ Lexus products. Students are also required to work at an approved dealership as part of the cooperative education phase of their training. The T-TEN Program is a collaborative effort between MassBay Community College and Toyota. The College has the academic and administrative responsibility for the program, which is certified by the ASE Education Foundation (ASEEF) in all eight-performance areas.

Students may also earn technical course credits from the University of Toyota/Lexus College.

Upon completion, the Certificate in Automotive Service Technology with a concentration in Toyota (T-TEN) is awarded.

ADMISSION REQUIREMENTS

Minimum eligibility for admission to this program includes:

- Placement into EN 098 Fundamentals of Composition II or completion of EN 090 Fundamentals of Composition I
- MassBay placement into Intermediate Algebra MA 098 or completion of Introductory Algebra MA 095
- Valid driver's license (May be subject to dealership review of driving record and drug testing).

PROGRAM FOOTNOTES

Graduation Requirements
All assigned University of Toyota e-modules must be completed.
Minimum of 650 hours of supervised co-op education.
Minimum of (2) ASE certifications (A1 – A8)

COURSE	COURSE TITLE	CREDITS
Semester 1	*Fall*	
AT 101	Introduction to Automotive Service	4
AT 102	Automotive Electrical Fundamentals	4
AT 208	Advanced Electrical Systems and Diagnosis	5
	credits:	13
Semester 2	*Spring*	
AT 114	Automotive Brake Systems	4
AT 116	Suspension, Steering, and Handling	4
AT 212	Automotive Air Conditioning & Climate Control	4
AT 120	Cooperative Education I	1
	credits:	13
Semester 3	*Summer*	
AT 220	Cooperative Education I I	1
AT 113	Engine Diagnosis and Repair	5
	credits:	6
Semester 4	*Fall*	
AT 207	Engine Control Systems I	4
AT 209	Engine Control Systems II	4
AT 230	Cooperative Education III	1
	credits:	9
Semester 5	*Spring*	
AT 119	Manual Transmission and Drive Systems	4
AT 205	Automatic Transmission: Fundamentals and Diagnosis	4
AT 214	Toyota Hybrid Systems and Diagnosis	3
	credits:	11
	Total Credits:	**52**

MASSBAY COMMUNITY COLLEGE