

# Automotive Technology TSEP: Electrical/ Engine Performance/ HVAC Certificate



MassBay courses are offered days, evenings, weekends, and online. View the complete list of online courses at [www.massbay.edu/uploadedFiles/online.pdf](http://www.massbay.edu/uploadedFiles/online.pdf). Check current course availability at [www.massbay.edu/courses](http://www.massbay.edu/courses)

## DIVISION OF TRANSPORTATION & ENERGY

The Technical Service Education Program is designed to provide the technical competence and professionalism needed to become a TSEP technician. The program involves academic as well as automotive lecture/ laboratory instruction focusing on state-of-the art products at the MassBay Automotive Technology Center. Students are required to work at a participating repair facility as part of the cooperative education phase of their training. The College has the academic and administrative responsibility for the program.

Upon completion, the Certificate in Automotive Service Technology is awarded.

## ADMISSION REQUIREMENTS

Minimum eligibility for admission to this program includes:

- MassBay placement into College Writing EN 100 or completion of Intro to Language EN 090.
- 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).

COURSE	COURSE TITLE	CREDITS
<i>Certificate III</i>	<i>Electrical/ Engine Performance/ HVAC</i>	
AI 100*	Automotive Fundamentals	1
AI 102	Automotive Electrical Fundamentals	5
AI 105	Heating and Air-Conditioning Theory	3
AI 200	Engine Performance	5
AL 123	Cooperative Education III	2
MAC 101*	Technical Math	3
SF 131*	Oral Communication	3
EN 100*	College Writing	4
	<b>Total Credits:</b>	<b>26</b>

\*These courses only have to be taken once.

*Your dreams. Our mission.*