General Studies: Automotive Technology All-Brand

Certificate Program

DIVISION OF AUTOMOTIVE TECHNOLOGY

The All-Brand Automotive Technology Program concentration is designed to provide the technical competence and professionalism needed to become an automotive technician. The program involves automotive lecture/laboratory instruction focusing on products from multiple manufacturers. Students are also required to work at an approved automotive repair facility as part of the cooperative education phase of their training. 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.

Upon successful completion, the Certificate in Automotive Technology All-Brand is awarded.

ADMISSION REQUIREMENTS

Minimum eligibility for admission to this program Includes:

• Valid Driver's license (subject to employer review)

GRADUATION REQUIREMENTS

Minimum of 630 hours of supervised co-op education.

COURSE	COURSE TITLE	CREDITS
1st Year	*Semester 1 (Fall)*	
AI 100	Automotive Fundamentals	3
AI102	Automotive Electrical Fundamentals	5
AI 121	Cooperative Education I	1
	credits:	9
1st Year	*Semester 2 (Spring)*	
AI 204*	Automotive Suspension Systems	3
AI 122	Cooperative Education II	1
AI 106	Automotive Brake Systems	3
AI 103	Automotive Engine Diagnosis and Repair	4
	credits:	11
Summer	*Semester 3*	
AI 123	Cooperative Education III	1
	credits:	1
2nd Year	*Semester 4 (Fall)*	
AI 124	Cooperative Education IV	1
AI 105	Heating and Air Conditioning Diagnosis and Repair	3
AI 200	Engine Performance	5
	credits:	9
2nd Year	*Semester 5 (Spring)*	
AI 208	Automotive Drivetrain Diagnosis and Repair	5
AI 206	Hybrid and Electric Vehicles	3
AI 125	Cooperative Education V	1
	credits:	9
	Total Credits:	**39**

* This course is only offered during the Winter Intersession