



Automotive Powertrain Systems Remanufacturing Certificate

PART TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2024-25

Total Units: 29

First Year

Semester 1

9 Units

CAT.	COURSE	TITLE	UNIT
RE	AT 100	Technical Basics for the Automotive Professional	3
RC	AT 105 ¹	Mathematics for Automotive Technology	3
Req	AT 180	Automotive Data Acquisition	3

¹ AT 105 is not part of this program but is a corequisite for AT 314

Semester 2

9 Units

CAT.	COURSE	TITLE	UNIT
Req	AT 130	Manual Drive Trains and Axles	3
Req	AT 313	Automatic Transmission and Transaxles	3
Req	AT 314	Automotive Engine Repair	3

CAREER PATH

Career Options:

This certificate prepares students for entry-level positions in the automotive powertrain remanufacturing industry.

Second Year

Semester 3

11 Units

CAT.	COURSE	TITLE	UNIT
Req	AT 301	Small Gas Engines, Outdoor Power Equipment	4
Req	AT 317	Advanced Drivetrain	3
Req	AT 350	Automotive Engine Blueprinting, Machine Work and Manufacturing	4

EXPLANATION OF CATEGORIES

RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list
RC	Recommended Course	A course that is not part of this program but is included in its roadmap
Req	Required Core	A course that is required for this program