

2023-24 ACADEMIC COURSES

ASV 279 : AUTO DYNO AND TEST

In this course, students will learn about data acquisition methods used in modern automotive powertrain development. Students will learn the principles of strain gauge pressure sensors and Wheatstone bridge torque transducers. Students also gain practical experience in the laboratory, calibrating and validating the signals produced from a variety of automotive testing equipment. The students will develop and execute a test validation protocol on engine dynamometer stands.

Level I Prereq: Academic Reading and Writing Levels of 6; ASV 131 and ASV 132, minimum grade "C"

Description	Hours
Credits	4
Lecture Hours	60
Clinical Hours	0
Lab Hours	45
Other Hours	0
Total Hours	105

Accurate as of 02/03/2023 Information is subject to change without notice.