Lab Projects

Students are expected to work diligently on assigned projects, and attend each lab session. The object is not speed, but precision. However, every student should have ample time to complete the project list below. Lengthy or complicated projects will be considered in the grading process if a student is unable to complete the list. Students who complete the project list will be expected to perform additional projects through the end of the term.

Projects List

Automotive

☐ 3 or 4 speed transmission

☐ 3 or 4 speed transmission

☐ 5-speed transmission

☐ 4-speed transaxle

☐ Transfer case

☐ Integral differential

☐ Drop out differential #1

☐ Drop out differential #2

☐ Drive shaft U joint R/R

☐ Driveline angle

☐ CV Axle

☐ Live clutch #1

☐ Live clutch #2

☐ Live Project #1

☐ Live Project #1

Students may work in teams of 2 with instructor approval. Students working on a team must attend every lab session that their partner attends to receive full credit for a project.