

Course Sequence Guide

(Please note: They are guides that provide a general roadmap so not every student's schedule will look exactly like this.)

BST – Diesel and Heavy Equipment

Freshman (1st Semester – Fall)

1hr AT 100 Orientation to the Transportation Industry

3hr AT 213 Engine Systems

3hr AT 210 Brake Systems

3hr ENGL 101 English Comp (A0). (ENGL 299 pr)

3hr MATH 143 Elementary Statistics (C0)

2hr UGS 150 Gorilla Gateway (H0)

15hrs

Freshman (2nd Semester – Spring)

3hr AT 115 Mobile Electrical (AT 621pr)

3hr AT 116 Mobile Electrical Lab (WL) (AT 621pr)

3hr COMM 207 Speech Communication (B0)

1hr HHP 150 Lifetime Fitness Concepts (G0)

3hr elective recommend ACCTG 201 Financial Accounting

3hr SOC 100 Intro to Sociology (E1)

16hrs

Sophomore (1st Semester – Fall)

3hr AT 416 Fluid Power (AT 640 & 654 pr)

3hr 211 Steering, Suspension & Alignment

3hr PHYS 171 Physical Science (F4)

1hr PHYS 172 Physical Science Lab (F4)

3hr PSCYH 155 Psychology (WL) (G4)

13hrs

Sophomore (2nd Semester – Spring)

2hr AT 399 Professional Development

3hr AT 414 Automatic Transmissions

3hr AT 314 Manual Transmissions and Drivelines

3hr ECON 200 Principles of Microeconomics (E2)

3hr ENGL 299 Introduction to Research Writing (ENGL 301pr) (A0)

2hr GT 190 Intro to Technological Systems (E2)

16hrs

Sophomore (3rd Semester – Summer)

3hr DHE Internship

3hrs

Junior (1st Semester – Fall)

1hr AT 410 Emerging Developments

3hr AT 415 Mobile Climate Systems

3hr AT 418 Failure Analysis

3hr ENGL 310 Technical Writing

3hr (1 Course that meets D3 – fine arts)

13hrs

Junior (2nd Semester – Spring)

3hr AT 640 Off Highway Systems (AT 654 pr)

3hr AT 340 Diesel Fundamentals (AT 621 pr)

3hr Course from D or E Pitt Pathways

3hr automotive technical elective

3hr Elective course

15hrs

Junior (3rd Semester – Summer)

3hr DHE Internship

3hrs

Senior (1st Semester – Fall)

3hr AT 620 Hybrid, Electric, and Fuel Cell Vehicles

3hr AT 630 On-Highway Systems

3hr AT 519 Mobile Fuels, Lubricants, and Alternate Fuels

3hr AT 654 Advanced Hydraulic Systems

12hrs

Senior (2nd Semester – Spring)

1hr AT 699 Senior Seminar

3hr AT 621 Advanced Diesel Electronics

3hr AT 580 Dealership Service Operations

1hr AT (Technical Elective)

3hr MFGET 162 Welding Processes & Proced.

3hr Elective Course

14hrs

Note: Classes listed in parentheses with “pr” notate that the class is a prerequisite for the course left of the parentheses.

Color Code:

Red=Automotive courses

Yellow highlight=Emphasis courses

Green=English and WL courses

NOTE: The information contained herein is intended to be used for the planning of a student's academic program and does not constitute a contract. This guide was prepared with the latest information, courses, graduation requirements, and curricula and are subject to change.

MINIMUM GENERAL REQUIREMENTS: The minimum requirements for graduation include 120 semester hours of which 60 hours must be from a four-year university. In addition, 45 semester hours must be upper division and 30 hours in residence at PSU (including 24 of the last 30). Minimum GPA for non-education degree is 2.0 overall [2.0 in major], secondary education degree is 2.5 overall [2.75 in major], and early/late childhood/unified degree is 2.80 overall [3.0 in major]. A minimum GPA of 2.0 in any major and in residence coursework is required. Pitt Pathway courses and all degree requirements are provided in the online catalog. Refer to individual departments for specific requirements.