



# Pittsburg State University

## Department of ***AUTOMOTIVE TECHNOLOGY***

### **Diesel/Heavy Equipment Certificate**

As of Fall 2019

#### **Technical Courses**

AT 115: Mobile Electrical/Electronics. . . . .	3 hours
<b>AND</b> AT 116: Mobile Electrical/Electronics Laboratory. . . . .	3 hours
<i>Note: Or approved substitution</i>	
AT 340: Diesel Engine Fundamentals. . . . .	3 hours
AT 416: Fluid Power. . . . .	3 hours
AT 418: Failure Analysis . . . . .	3 hours
AT 621: Advanced Diesel Electronics and Diesel Engine Lab. . . . .	3 hours
AT 654: Advanced Hydraulic Systems . . . . .	3 hours

#### **Industry Courses**

AT 630: On Highway Systems. . . . .	3 hours
AT 641: Construction Equipment Systems. . . . .	3 hours
AT 642: Agricultural Equipment and Powertrains. . . . .	3 hours

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Total hours . . . . . 30 hours