

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: ATT 107
Course Title: Suspension and Steering
Recommended Transcript Title: Suspension and Steering
Date Approved/Revised: 11/14/08; 11/18/13; 09/21/15
Credit Hours: 4 Contact hours per week (Based on 15 week term): Lecture: 3 Lab: 3
Prerequisite: Corequisite: Pre/Corequisite:
Grading Mode: Letter grade
Catalog Description: This course introduces students to the basic fundamental skills, technology and service of automotive suspension and steering systems. Students learn to perform steering system diagnosis and repair, wheel alignment, tire and wheel repair.
Course Outcomes: Students will learn; <ul style="list-style-type: none"> • To identify and interpret suspension and steering parts and systems • How to work safely on vehicle components to remove and reinstall • How to locate proper tools and components • Proper techniques in working on elevated vehicles safely • To troubleshoot steering related problems and suggest repairs • Utilize work order systems to include labor and parts • To locate replacement parts using electronic systems • How to evaluate the entire steering and suspension systems for concerns or deficiencies. • To remove and install all components related to steering and suspension systems
Implementation Cycle: Fall
Role in College Curriculum: (Check all that apply) <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core: Automotive Technology <input type="checkbox"/> Restricted Elective (Specify category) <input type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)
Course Fee: Yes
Instructor's Qualifications: BS Automotive Technology or related discipline and/or expertise and experience in the field.
Expanded Course Description: This course introduces students to the diagnosis and repair of rack and pinion and

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Date Prepared: 10/13/08; 11/18/13

Submitted to LOT: 11/14/08; 11/18/13

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other steering systems, front and rear suspension systems including MacPherson struts, wheel alignment (camber, caster, toe and steering axis inclination), and tires and wheels.

Prepared by:

Doug Swick, Faculty

11/18/13; 06/10/15

Approved Per LOT Minutes: 11/18/13

Dean, Academic and Student Services

Date