

AUTOMOTIVE TECHNOLOGY – SUSPENSION, STEERING & ALIGNMENT
College Credit and Careers Network
Dual Credit Articulation Agreement

Upon completion of high school courses equivalent to the following competencies:

- Describe construction and identify components of typical steering and suspension systems
- Describe the geometry and measurements of common steering and suspension systems
- Describe sizes and construction of tires and wheels as they relate to the industry
- Safely disarm and enable Supplemental Restraint System
- Safely remove and properly replace Supplemental Restraint System components
- Perform damage and defective parts analysis on most types of steering and suspension systems
- Analyze Suspension and Steering noises and vibrations
- Remove and replace most types of steering and suspension components using the proper tools and techniques
- Use shop equipment dealing with steering/suspension/alignment, including four wheel alignment rack, tire machines, wheel balancers, and McPherson strut tools
- Make measurements and corrections as necessary/applicable
- Apply the knowledge of hazardous material laws and processes to their training and future employment
- Apply the knowledge of safety laws and common sense safety to lifting vehicles and performing suspension repair and alignment procedures
- Interact professionally with employers, customers and fellow workers while working on suspensions and performing alignments

A student earning a “B” or better may earn college credit at the following college:

<u>College</u>	<u>Course</u>	<u>Credits</u>
Lake Washington Technical College	AUTO 144	6