

UTC Project Information	
Project Title	Development of CARTEEH Curriculum for Transportation Emissions and Health (Phase I)
University	Texas A&M Transportation Institute
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Funding Source(s) and Amounts Provided (by each agency or organization)	Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH): \$53,243.80
Total Project Cost	\$53,243.80
Agency ID or Contract Number	69A3551747128
Start and End Dates	9/1/17 – 11/31/2019
Brief Description of Research Project	The Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH) has developed a unique, cross-disciplinary course titled “Traffic-Related Air Pollution: Emissions, Human Exposures, and Health.” The curriculum consists of 60 lectures and a pool of primary and back-up lecturers have been identified for each of the planned lectures. The course is intended to form the basis for a three-credit-hour graduate-level course offered by consortium member institutions and targeted at students and practitioners in the areas of urban planning, transportation planning, transportation policy, transportation engineering, geography, environmental sciences, environmental epidemiology, environmental policy, and public health. However, the course’s individual lectures are designed to stand alone, and as such, they can be mixed and matched to be transferable to other locations and other purposes. The course is designed to equip participants with cutting-edge knowledge and the skill sets required to understand, assess, and quantify road traffic, vehicle emissions, traffic-related air pollution (TRAP), human exposures, biological mechanisms, associated health effects, and population-based impacts and their societal costs. Further, the course will specifically explore the role of current

	knowledge in environmental regulation and real-world policy making and practice.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	A modified version of the curriculum was taught last Spring Semester as an undergraduate special topic to 34 students at Georgia Tech.
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links <ul style="list-style-type: none"> • Reports • Project website 	Project website: https://www.carteerh.org/carteerh-curriculum-for-transportation-emissions-and-health/ Curriculum outline: https://www.carteerh.org/wp-content/uploads/2019/08/CARTEEH-Curriculum-for-Transportation-Emissions-and-Health_Final.pdf

