
2021-22 ACADEMIC COURSES

ATT 203: LIGHTENING MATERIALS IN TRANSPORTATION

In this course, students will learn about lightweighting in transportation vehicles. Materials such as advanced reinforced plastics, carbon fiber, and titanium alloys are discussed. Students will research the role of lightweighting materials in reduced vehicle emissions and reduced fuel consumption and gain practical experience in the laboratory by executing a design and manufacturing project plan using carbon fiber layup using compression molding techniques.

Level I Prereq: Academic Reading and Writing Levels of 6; WAF 105; WAF 139 or WAF 200; and MEC 101, minimum grade "C" for all courses

Description	Hours
Credits	3
Lecture Hours	30
Clinical Hours	0
Lab Hours	45
Other Hours	0
Total Hours	75

Accurate as of 10/21/2021 Information is subject to change without notice.