

The following information will be published on the Courses page of the Summer Sessions Website:			
Course Title:	Modern Automotive Manufacturing		
Course Number:	ME3890	Credit Hours:	3
First Instructor:	Ranjana Sahai	First Instructor Email:	Ranjana.sahai@vanderbilt.edu
Second Instructor:	Jason Mitchell	Second Instructor Email:	Jason.mitchell@vanderbilt.edu
Program start date:	May 6, 2026	Program end date:	May 29, 2026
Program destination(s): (Each city, country - start/end date)	Nashville, TN May 6-13; Stuttgart, DE May 14-16; Munich, DE May 17-18; Balzano, IT May 19-20; Bologna, IT May 21-24; Modena, IT May 25-26; Milian, IT May 27-29.		
Does this course fulfill any AXLE credit? If so, what?	No		
What are the academic pre-requisites (if any) for enrolling in this course?	None		
What are some are some conditions or challenges that students will face? (Ex. Hiking long distances, extreme temperatures, rocky terrain, etc.)	Walking though industrial facilities and museums. Slip resistant closed toe shoes and long pants are required for factory tours. Extreme terrain is not expected.		
What is covered in the student budget:	Detailed answers below.		
Lodging (Total nights + included amenities):	15 nights in Europe + Breakfasts		
Meals:	Total breakfasts: 15 Total lunches: 5 Total dinners: 2		
Transportation (Airfare, public transit, etc.):	Airfare to/from Europe Travel in/around Nashville for day trips Travel in/around Germany and Italy -Public transport and private coach (as needed)		
Supplies (Textbooks, gear, etc.):	Not covered		
Excursions (Tour fees, admission fees, etc.):	Admission to museum and factory tours		
What is <u>not</u> covered in the student budget:	Detailed answers below.		
Lodging (Total nights):	8 nights in Nashville. Lodging with student housing can be arranged at \$63 a night.		
Meals:	Total breakfast: 8 Total lunches: 19 Total dinners: 22		
Transportation (international airfare, public transit, etc.):	Transportation on free days in Nashville and Europe		
Supplies (Textbooks, gear, personal items, etc.):	Laptop (or other) needed for journal entries.		
Excursions (Optional activities, tour fees, admission fees, etc.):	Spending money for free days in Nashville and Europe		

Visa needed for US passport holders?	No
Is the cost of the visa included in the student fee?	No
Does the course have a service-learning component:	No
Please provide the course description below:	
<p>Experience the future of cars where they're built. This course explores modern design and manufacturing automation particularly as it applies to the automotive industry. Students will learn how automobiles are designed and manufactured and complete hands-on activities in car design and assembly.</p> <p>This Maymester takes you from America's innovation hubs—Corvette, Nissan, and the National Transportation Research Center — to Germany's automotive heart and Italy's Motor Valley. Tour Mercedes-Benz, Porsche, BMW, Ferrari, Lamborghini, Ducati, and more while exploring lean manufacturing, electrification, and advanced design. See how the world builds mobility, from Tennessee to Modena.</p> <p>What you'll do:</p> <ul style="list-style-type: none"> • Visit Corvette, Nissan, Oak Ridge National Transportation Research Center and the Lane Motor Museum in the US. • Experience hands-on exercises in car design and assembly. • Travel to Germany and visit Mercedes Benz, Porsche, and BMW museums and factories. • Take a day trip to the Black Forest and Triberg Falls. • Travel to Italy and see the famous Dolomites region. • In Italy see Lamborghini, Ducati, Ferrari, and Pagani museums and factories. • Visit Motor Valley University of Emilia Romagna for an overview of their Master Degree program in Automotive Engineering. • Spend a day in Milan. 	