

**TO:** The Faculty of the College of Engineering

**FROM:** The Faculty of the School of Mechanical Engineering

**RE:** MSPE 32000 Motorsports Design I

The Faculty of the School of Mechanical Engineering has approved the following change. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**From:**

**Course Description:**

This course explores the design concepts and approaches of the Motorsports Industry, creating connectivity between the courses of the first two years of the Motorsports Engineering BS Program and preparing students for internships in the industry. Permission of instructor required. Credits: 3.00

**To:**

**Course Description:**

Introduction to the principles of design and analysis of vehicle subsystems and components within those subsystems. Vehicle subsystems are reviewed and evaluated for functionality, and reliability with emphasis on the utilization of analytical tools in design. Analytical methods developed in vehicle dynamics are utilized to support the understanding of forward and reverse engineering principles. Credits: 3.00

**Reason:** The new course description better aligns the evolution of the learning outcomes of the course to the feedback from alumni, industry partners, and members of the motorsports Industry Advisory Board.



1/15/2025

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Christopher E Finch, Professor of Practice and Site Director Motorsports Engineering  
School of Mechanical Engineering