



Wunching Lyle Chang ,Ph.D.

Position : Assistant Professor

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Education : Ph.D., University of Wisconsin-Madison

**Research : Mechanical Design, Living Engineering,
Biomedical Engineering**

**Senior Projects
Ming Chi University of Technology, Taiwan**

VE: Department of Vehicle Engineering

ME_VE: Vehicle Engineering Concentration, Department of Mechanical Engineering

ME_PM: Precision Machinery, Concentration, Department of Mechanical Engineering

CLASS	TOPICS
VE2006	Computer-Aided Engineering Analysis of Bumpers in Low-Speed Impact
VE2006	Finite Element Analysis of Roll Cages
VE2006	Finite Element Analysis of Bicycle Frames
VE2007	Reverse Engineering in Automotive Product Development
VE2007	Product Development with Rapid Prototyping
VE2007	Color Design in Traffic Signs
VE2008	Motorcycle Tuning
VE2008	Investigation on the Effectiveness of Heat Guards on Motorcycle Mufflers
VE2008	Testing of Tensile Strength in Automotive Welding Materials
VE2009	Development of a Compressed-Air-Powered Scooter Prototype
VE2009	Comparative Study of Certify Programs in the Pre-Owned Car Market
VE2010	Development of Guidelines for Building Collegiate Automotive Race Teams
VE2010	Computer-Aided Structural Analysis of Hospital Crash-Proof Handrails
ME_VE2013	Task-Oriented Vehicle Design - Campers
ME_PM2015	Living Engineering: High-End Motorcycle Tuning Product Design and Engineering Optimization