

Graduate Courses SVM Provides in the Academic Year of 2019-2020

Course ID	Course Name	Course Name (English)	Credits	Academic Hours	Exam Type	Semester	Instruction language	Course Teacher
80150542	车用能源概论与新能源汽车技术路线图	Automotive Energy and New Energy Vehicle Technology Roadmap	2	32	test	Spring, Fall	Chinese	
60150022	老子领导力哲理	Laozi's Leadership Philosophy	2	32	test	Spring, Fall	Chinese	连小珉
70150063	高等内燃机学	Advanced Theory of Internal Combustion Engines	3	48	written exam	Spring	Chinese	帅石金
80150523	振动模态分析与试验	Modal Analysis and Testing	3	48	written exam	Spring	Chinese	范子杰
70150382	交通能源系统分析	Transport Energy Systems Analysis	2	32	test	Spring	Chinese	郝瀚
70150312	发动机热流体与节能	Engine Thermofluids Fluids Analysis	2	32	written exam	Spring	Chinese	张扬军、诸葛伟林
70150372	强化学习与控制	Reinforcement Learning and Control	2	32	test	Spring	Chinese	李升波
80150213	汽车动力系统学	Automotive Powertrain Systems	3	48	written exam	Spring	Chinese	欧阳明高
70150023	汽车动力学	Vehicle Dynamics	3	48	written exam	Fall	Chinese	宋健、李亮
80150013	机械最优化设计	Optimization of Mechanical Design	3	48	written exam	Fall	Chinese	裴普成、田光宇
70150104	动态测试与分析	Dynamic Measurement and Analysis	4	64	written exam	Fall	Chinese	连小珉
70150342	技术管理	Management of Technology	2	32	test	Fall	Chinese	李显君

70150352	计算流体力学	Computational Fluid Mechanics	2	32	written exam	Fall	Chinese	郑新前
70150303	有限元法与应用	The Finite Element Method with Applications	3	48	written exam	Fall	Chinese	范子杰、桂良进
80150242	技术创新原理与实践	Technological Innovation: principle and practice	2	32	written exam	Fall	Chinese	田光宇
60150012	科研伦理与学术表达	Research Ethics & Academic Writing	2	32	written exam	Fall	Chinese	杨福源
80150253	电化学动力源	Electrochemical Power Sources	3	48	written exam	Fall	Chinese	裴普成、徐梁飞
80150042	汽车及其动力发展前沿	The Latest Development in Automobile and Engine	2	32	test	Fall	Chinese	张俊智
80150533	气相爆震	Detonation in Gases	3	48	written exam	Spring	English	MEVEL Remy Lucien Henri
70150163	汽车机电系统	Mechatronic Systems in Automotive Engineering	3	48	written exam	Spring	English	李建秋
80150122	机械设计中的材料选择	Materials Selection in Mechanical Design	2	32	written exam	Spring	English	危银涛
80150183	内燃机 II	Internal Combustion Engine II	3	48	written exam	Spring	English	王志
70150333	汽车工程 II	Automotive Engineering II	3	48	written exam	Spring	English	郑四发、王文军
70150153	汽车工程 I	Automotive Engineering I	3	48	written exam	Fall	English	王霄锋
70150113	车辆控制工程	Vehicle Control Engineering	3	48	written exam	Fall	English	李克强
70150203	内燃机 I	Internal Combustion Engines I	3	48	written exam	Fall	English	马骁
80150162	车辆新型驱动系统	Alternative Vehicle Propulsion System	2	32	written exam	Fall	English	张俊智
80150173	汽车 NVH	Vehicle NVH	3	48	written exam	Fall	English	郑四发

80150193	汽车碰撞安全基础	Fundamentals of Automotive Crash Safety	3	48	written exam	Fall	English	周青、聂冰冰、 夏勇
70150362	电化学方法：测量与模拟	Electrochemical Methods: Measurement and Simulation	2	32	test	Fall	English	张剑波
70150133	轻量化设计基础	Fundamentals of Lightweight Design	3	48	written exam	Fall	English	侯之超、危银涛