

COURSE OFFERINGS BY TERM

Course number	Chinese Course Name	English Course Name	Fall Term	Spring Term
ENGCMP 0152	高级英文写作研习	English Composition	√	√
ENGCMP 0150	英语中级写作	English Writing Intermediate	√	
ENGCMP 0200	专业英文写作	Seminar in Composition	√	√
ENGCMP 0152A/0150A	写作中心辅导	Writing Center Tutorial	√	
ENGCMP 0140	英语听力与口语训练	Speaking and Listening	√	
MATH 0220	解析几何与微积分 1	Analytic Geometry and Calculus 1	√	
MATH 0230	解析几何与微积分 2	Analytic Geometry and Calculus 2	√	
MATH 0235	解析几何与微积分 2	Analytic Geometry and Calculus 2	√	√
MATH 0240	解析几何与微积分 3	Analytic Geometry and Calculus 3	√	√
MATH 0280	矩阵与线性代数导论	Matrices and Linear Algebra	√	√
MATH 0290	微分方程	Differential Equations	√	√
PHYS 0174	基础物理 1-理工	Physics for Science and Engineering 1	√	√
PHYS 0175	基础物理 2-理工	Physics for Science and Engineering 2	√	√
CHEM 0960	工科化学 1	General Chemistry for Engineers 1	√	
CHEM 0970	工科化学 2	General Chemistry for Engineers 2		√
	工科化学实验	Chemistry Laboratory		√
PHYS 0219	工科物理实验	Basic Laboratory Physics for Science and Engineering		√
ENGR 0011	工程分析	Introduction to Engineering Analysis	√	
ENGR 0012	计算机工程学	Engineering Computing		√
ENGR 0022	材料结构与性能	Materials Structures and Properties	√	√
ENGR 0135	静力学与材料力学 1	Statics and Mechanics of Materials 1	√	√
ENGR 0145	静力学与材料力学 2	Statics and Mechanics of Materials 2	√	√
MEMS 0040	制造工艺与分析	Manufacturing Processes and Analysis	√	√
MEMS 0024	机械工程设计制造导论	Introduction to Mechanical Engineering Design	√	
ME 0051	热力学导论	Introduction to Thermodynamics	√	√
ME 0071	流体力学导论	Introduction to Fluid Mechanics	√	√
ME 1014	动力学系统	Dynamic Systems	√	√
ME 1015	刚体动力学	Rigid-Body Dynamics	√	√
MEMS 1028	机械设计 1	Mechanical Design 1	√	√
ME 1029	机械设计 2	Mechanical Design 2	√	√
ME 1041	机械测量 1	Mechanical Measurements 1	√	√
ME 1042	机械测量 2	Mechanical Measurements 2	√	√
MEMS 1052	热质传导	Heat and Mass Transfer	√	√
MEMS 0031	电路学	Electric Circuits	√	√
MSE 0048	材料热力学	Thermodynamics of Materials		√
MSE 1010	材料科学与工程实验方法	Experimental Methods in Materials Science and Engineering	√	
MSE 1011	结构与材料实验室	Structure and Properties Laboratory		√
MSE 1030	材料选择	Material Selection	√	
MSE1059	相平衡	Phase Equilibria in Multi-Component Materials	√	
MSE 1063	扩散与相变	Phase Transformations and Microstructure Evolution		√
MSE 1070	材料力学行为	Mechanical Behavior of Materials		√
MSE 1058	材料电磁特性	Electromagnetic Properties of Materials		√
MSE 1053	晶体结构与衍射	Structure of Crystals and Diffraction	√	

IE 0015	信息系统工程导论	Introduction to Information Systems Engineering		√
IE 1035	工程管理	Engineering Management	√	
IE 1040	工程经济学分析	Engineering Economic Analysis	√	
IE 1054	生产力分析	Productivity Analysis	√	
IE 1055	设施布局与材料处理	Facility Layout and Material Handling		√
IE 1061	人因工程学	Human Factors Engineering		√
IE 1070	概率、随机变量与分布	Probability, Random Variables, and Distributions	√	
IE 1080	供应链管理	Supply Chain Analysis	√	
IE 1071	统计测试与回归	Statistical Testing and Regression		√
IE 1081	运筹学	Operations Research	√	
IE 1082	概率方法	Probabilistic Methods in Operations Research		√
IE 1083	离散事件模拟	Simulation Modeling		√