

Curriculum

Course Code	과목명(국문)	Course Title	학점
ML0002	창의입문설계	Creative Introduction to Engineering Design	3-1-2-0
ML0003	재료과학1	Materials Science and Engineering 1	3-3-0-0
ML0004	현미경조직특성평가	Materiallography Design and Lab.	3-1-1-2
ML0005	기계적특성평가	Materials Mechanical Characteristics Design and Lab.	3-1-0-4
ML0006	재료CAD	Computer Aided Design in Materials Science and Engineering	3-3-0-0
ML0007	재료과학2	Materials Science and Engineering 2	3-3-0-0
ML0008	화학적특성평가	Materials Chemical Characteristics Design and Lab.	3-1-1-2
ML0009	전자기적특성평가	Materials Electrical and Electronics Design and Lab.	3-1-0-4
ML0011	전기전자공학	Electric and Electronic Engineering	3-3-0-0
ML0012	재료조직학	Microstructure of Materials	3-3-0-0
ML0025	재료열역학1	Thermodynamics of Materials1	3-3-0-0
ML0026	재료열역학2	Thermodynamics of Materials2	3-3-0-0
ML0027	소재제조공정설계	Design for Materials and Manufacturing Process	3-1-2-0
ML0028	에너지재료설계	Energy Materials Design Project	3-1-2-0
ML0029	재료상변태	Phase Transformations in Materials	3-3-0-0
ML0030	전자재료 1	Electronics Materials 1	3-3-0-0
ML0031	결정학개론	Introduction to Crystallography	3-3-0-0
ML0032	철강재료	Ferrous Metallic Materials	3-3-0-0
ML0033	탄소재료	Carbon Materials	3-3-0-0
ML0034	재료전기화학	Electrochemistry for Materials Science	3-3-0-0
ML0035	세라믹공정	Ceramic Processing	3-3-0-0
ML0036	유기재료개론	Introduction to Organic Materials	3-3-0-0
ML0037	구조재료실무1	Practice in Structural Materials Engineering 1	3-3-0-0
ML0038	재료안전실무	Practical materials safety	3-3-0-0
ML0039	종합과제설계1	Materials Project Design1	2-0-2-0
ML0040	소재분석평가설계	Materials Analysis and Characterization Design	3-1-2-0
ML0041	X-선공학및설계	X-Ray Diffraction and Design	3-1-2-0
ML0042	전자재료2	Electronic Materials 2	3-3-0-0
ML0043	재료강도학	Strengthening Mechanism of Materials	3-3-0-0
ML0044	비철금속재료	Nonferrous Metallic Materials	3-3-0-0

ML0045	재료컴퓨터해석	Computer Simulation in Materials Engineering	3-3-0-0
ML0046	제련공학	Metallurgical Engineering	3-3-0-0
ML0048	그린에너지공학	Green Energy Engineering	3-3-0-0
ML0049	유기재료물성	Organic Materials Property	3-3-0-0
ML0050	반도체소자	Semiconductor Devices	3-3-0-0
ML0051	종합과제설계2	Materials Project Design2	2-0-2-0
ML0052	재료가공학	Plasticity in Materials	3-3-0-0
ML0053	구조세라믹스	Ceramic Structural Materials	3-3-0-0
ML0054	에너지저장재료	Energy Storage Materials	3-3-0-0
ML0055	정보디스플레이공학	Information Display Engineering and Design	3-3-0-0
ML0056	반도체공정	Semiconductor Processing	3-3-0-0
ML0057	박막공학	Thin Film Engineering	3-3-0-0
ML0058	구조재료실무2	Practice in Structural Materials Engineering 2	3-3-0-0
ML0059	비파괴시험실무	Practice in Nondestructive Testing	2-2-0-0
ML0060	전자현미경학및실습	Electron Microscopy and Design	3-2-0-2
ML0061	기능금속재료	Functional Metals	3-3-0-0
ML0062	표면처리공학	Surface Treatment Engineering	3-3-0-0
ML0063	태양광재료	Photovoltaic Materials	3-3-0-0
ML0064	전자세라믹스	Electronic Ceramic Materials	3-3-0-0
ML0066	나노전자재료응용	Application of Nano Electronic Materials	3-3-0-0
ML0047	세라믹물성1	Properties of Ceramic Materials 1	3-3-0-0
ML0070	세라믹물성2	Properties of Ceramic Materials 2	3-3-0-0
ML0071	재료공학양론	Materials Engineering Stoichiometry	3-3-0-0
ML0073	기능성유리	Functional Glasses	3-3-0-0
ML0074	재료분석법	Materials Analysis	3-3-0-0
ML0075	유기재료응용	Application of Organic Materials	3-3-0-0