

융합기술공학부(Division of Convergence Technology Engineering), IT융합기전공학전공
(Major of IT Convergence Mechatronics Engineering)

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학년	학기	학수 구분	과 목 명(영문)	학강실 점의습
2	1	전필	공업역학(Engineering Mechanics) 공업수학(Engineering Mathematics)	3-3-0 3-3-0
		전선	기계공작법및실습(Manufacturing Process and Practice) 기계재료학(Mechanical Materials) 전기전자공학개론(Introduction to Electrical and Electronic Engineering) 컴퓨터응용제도및설계(Computer Application Drawing and Design)	3-2-2 3-3-0 3-3-0 3-2-2
	2	전필	고체역학 1(Solid Mechanics 1) 열역학 1(Thermodynamics 1) 유체역학 1(Fluid Mechanics 1)	3-3-0 3-3-0 3-3-0
		전선	창의적종합설계(Capstone Design) 미래형모빌리티(Next Generation Mobility) 마이크로프로세서(Microprocessor)	3-2-2 3-3-0 3-3-0
	3	전필	메카트로닉스(Mechatronics) 기계공학및실험(Mechanical Engineering and Laboratory)	3-3-0 3-2-2
		전선	고체역학 2(Solid Mechanics 2) 열역학 2(Thermodynamics 2) 유체역학 2(Fluid Mechanics 2) 디지털공학(Digital Engineering)	3-3-0 3-3-0 3-3-0 3-3-0
4	1	전필	기계요소설계(Mechanical Component Design)	3-3-0
		전선	프로젝트랩종합설계(Project Lab. Capstone Design) CAD및실습(CAD and Practice) 전력전자공학(Power Electronics Engineering) 차량용소프트웨어언어(Automotive Software Language) 열전달(Heat Transfer)	3-2-2 3-2-2 3-3-0 3-3-0 3-3-0
	2	전선	차량용임베디드시스템(Automotive Embedded Systems) 인공지능(Artificial Intelligence) 재료강도학(Strength of Materials) CATIA및실습(CATIA and Practice)	3-3-0 3-3-0 3-3-0 3-2-2
	2	전선	자동제어(Automatic Control) 신재생에너지(Renewable Energy) 융합기술(Convergence technology)	3-3-0 3-3-0 3-3-0

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