

Grade/ Semester	Division	Number	Course Name(Kor)	Course Name(Eng)	Credit
1-1	Required	ETA00084	진로탐색세미나	Freshman Seminar	1-1-0
	Required	ETA00085	전산기계제도	Computer Aided Mechanical Drawing	2-0-4
1-2	Required	ETA00086	컴퓨터프로그래밍기초	Introduction to Computer Programming	2-2-0
	Required	ETA00087	컴퓨터프로그래밍기초실습	Pratice of Introduction to Computer Programming	1-0-2
	Required	EZA20071	창의적기초공학설계☆3	Creative Fundamental Engineering Design	3-3-0
	Optional	EMA10002	정역학	Statics	3-3-0
2-1	Required	ETA00088	항공우주소프트웨어공학개론	Introduction to Aerospace and Software Engineering	3-3-0
	Optional	ETA00089	고체역학1	Mechanics of Solids 1	3-3-0
	Optional	ETA00090	열역학	Thermodynamics	3-3-0
	Optional	EZA20001	공학수학1	Engineering Mathematics 1	3-3-0
	Optional	ETA00091	이산구조	Discrete Mathematics	3-3-0
	Optional	ETA00092	Java프로그래밍	Java Programming	3-2-2
2-2	Optional	ETA00093	시스템운영	System Administration	3-3-0
	Optional	ETA00094	동역학	Dynamics	3-3-0
	Optional	ETA00095	유체역학	Fluid Mechanics	3-3-0
	Optional	ETA00096	고체역학2	Mechanics of Solids 2	3-3-0
	Optional	ETA00097	수치해석	Numerical Analysis	3-3-0
	Optional	ETA00098	전기전자기초	Fundamentals of Electrical and Electronic Engineering	3-3-0
	Optional	EZA20002	공학수학2	Engineering Mathematics 2	3-3-0
	Optional	ETA00099	자료구조및알고리즘☆1	Data Structure and Algorithms	3-3-0
	Optional	ETA00100	회로및신호	Circuit and Signal	3-3-0
	Optional	ETA00101	디지털논리공학☆2	Digital Logic Engineering	3-3-0
2,3,4- Winter, Summer vacation	Optional	ETA00102	RISC프로그래밍☆1	RISC Programming	2-1-2
	Optional	EZA30071	현장실습1	Field Training 1	(3-04주)
	Optional	EZA30072	현장실습2	Field Training 2	(6-08주)
	Optional	EZA30074	국외현장실습1	Foreign Field Training 1	(3-04주)
3-1	Optional	EZA30075	국외현장실습2	Foreign Field Training 2	(6-08주)
	Required	ETA00103	항공임베디드소프트웨어☆1	Aerospace Embedded Software	3-3-0
	Optional	ETA00104	항공기구조역학	Aircraft Structural Mechanics	3-3-0
	Optional	ETA00105	공기역학☆1	Aerodynamics	3-3-0
	Optional	ETA00106	기계진동학☆1	Mechanical Vibration	3-3-0
	Optional	ETA00107	제어공학☆1	Control Engineering	3-3-0
	Optional	ETA00108	CAD응용☆2	CAD Application	2-0-4
	Optional	ETA00109	프로세서구조	Processor Architecture	3-3-0
	Optional	ETA00110	데이터통신	Data Communications	3-3-0
	Optional	ETA00111	언어및시스템	Programming Language and Systems	3-3-0
3-2	Optional	ETA00112	이산신호처리☆2	Discrete Signal Processing	3-3-0
	Required	ETA00113	비행역학해석☆1	Flight Dynamics Analysis	3-3-0
	Optional	ETA00114	항공우주공학실험	Experiment of Aerospace Engineering	2-0-4
	Optional	ETA00115	압축성유체역학☆1	Compressible Fluid Dynamics	3-3-0
	Optional	ETA00116	항공우주추진시스템☆1	Aerospace Propulsion System	3-3-0
	Optional	ETA00117	항공기설계☆3	Aircraft Design	3-3-0
	Optional	ETA00118	운영체제커널☆2	Operating System Kernel	3-3-0
	Optional	ETA00119	소프트웨어개발론☆2	Software Development	3-3-0

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	Optional	ETA00120	Linux프로그래밍	Linux Programming	3-2-2
	Optional	ETA00121	컴퓨터망	Computer Networks	3-3-0
	Optional	ETA00122	시스템성능	System Performance	3-3-0
4- 1,2	Optional	EZA40071	현장실습3	Field Training 3	(15-0-15주)
	Optional	EZA30076	국외현장실습3	Foreign Field Training 3	(15-0-15주)
4-1	Optional	ETA00123	종합설계 ☆3	Capstone Design	3-3-0
	Optional	ETA00124	비행제어설계 ☆2	Flight Control and Design	3-3-0
	Optional	ETA00125	풍력발전시스템 ☆1	Wind Turbine System	3-3-0
	Optional	ETA00126	장치구동기 ☆2	Device Driver	3-3-0
	Optional	ETA00127	센서구동소프트웨어 ☆2	Sensor System Software	2-1-2
	Optional	ETA00128	정보관리응용	Application of Information Management	1-0-2
	Optional	ETA00129	내장형하드웨어	Embedded Hardware	3-3-0
4-2	Optional	ETA00130	공학문서작성법	Writing for Engineers	2-2-0
	Optional	ETA00131	우주시스템개론	Introduction to Space System	3-3-0
	Optional	ETA00132	전산역학입문	Introduction to Computational Mechanics	3-3-0
	Optional	ETA00133	내장형응용소프트웨어	Embedded Application Software	3-3-0
	Optional	ETA00134	내장형시스템공학 ☆2	Embedded System Engineering	3-3-0
	Optional	ETA00135	전공발표	Professional Presentation	2-2-0
Total				Required 21    Optional 133(48)	154(48)