The recognision of selected courses (up-to 9 credits) earned from other departments into Industrial & Systems Engineering Department

updated on August 3, 2018

*** The below mentioned subjects will be recognized up-to 9 credits as graduation requirements of elective courses for IsysE Dept. when undergradute students admitted AFTER or in year of 2016 will take them.**

*** The below mentioned subjects will be sujec to change every year.**
So, please check out if the registering subject will included in the reconition list beforehand.

No	Department/School to open	Subject code	Subject name	Note
1	Civil and Environmental Engineering	CE206	Introduction to Sustainable Engineering	
2	Civil and Environmental Engineering	CE350	Introduction to Transportation Systems Engineering	
3	Mechanical Engineering	ME200	Basic Mechanical Practice	
4	Mechanical Engineering	ME205	Mechanical Engineering Laboratory	ME303(substitution)
5	Mechanical Engineering	ME208	New Design and Experience in Mechanical Systems	
6	Mechanical Engineering	ME231	Solid Mechanics	
7	Mechanical Engineering	ME370	Materials Processing	
8	Mechanical Engineering	ME453	Introduction to Robotics Engineering	
9	Mechanical Engineering	ME460	Automatic Control	
10	Business and Technology Management	MSB230	Principles of Accounting	
11	Physics	PH221	Classical Mechanics I	
12	Bio and Brain Engineering	BiS200	Bioengineering Fundamentals	
13	Bio and Brain Engineering	BiS252	Bioinstrumentation Fundamentals	
14	Bio and Brain Engineering	BiS321	Systems Biotechnology	
15	Bio and Brain Engineering	BiS351	Bio-Signal Processing	
16	Bio and Brain Engineering	BiS352	System Modeling in Bioengineering	
17	Bio and Brain Engineering	BiS377	Biomechanics	
18	Bio and Brain Engineering	BiS437	Bio-Data Engineering	
19	Bio and Brain Engineering	BiS438	Bioinformatics	
20	Bio and Brain Engineering	BiS470	BioNano Engineering	
21	Industrial Design	ID213	Product Design Fundamentals	
22	Industrial Design	ID216	Product Design Engineering	
23	Industrial Design	ID301	Product Design Factors	
24	Industrial Design	ID303	Design Methodology	
25	Industrial Design	ID304	Product Design Program	
26	Industrial Design	ID307	Interface Design	
27	Industrial Design	ID308	Interaction Design	
28	Industrial Design	ID309	CAD & 3D Modeling	
29	Industrial Design	ID310	Information Design	
30	Industrial Design	ID403	Product Design System	
31	Industrial Design	ID407	Product-Environment System Design	
32	Biological Sciences	BS223	Introductory Biotechnology	
33	Biological Sciences	BS357	Introduction to Neuroscience	
34	Chemical & Biomolecular Engineering	CBE260	Biomolecular Engineering	
35	Chemical & Biomolecular Engineering	CBE362	Bioinformatics	
36	Chemical & Biomolecular Engineering	CBE471	Introduction to Environmental Engineering	
37	Chemical & Biomolecular Engineering	CBE483	Engineering Principles of Human Physiology	
38	Mathematical Sciences	MAS212	Linear Algebra	
39	Mathematical Sciences	MAS241	Analysis 1	
40	Mathematical Sciences	MAS242	Analysis II	
41	Mathematical Sciences	MAS270	Logic and Set Theory	
42	Mathematical Sciences	MAS275	Discrete Mathematics	
43	Mathematical Sciences	MAS311	Modern Algebra I	
44	Mathematical Sciences	MAS365	Introduction to Numerical Analysis	
45	Mathematical Sciences	MAS475	Combinatorial Theory	
46	Mathematical Sciences	MAS476	Game Theory	
47	Materials Science & Engineering	MS481	Semiconductor Processing	
48	Materials Science & Engineering	MS635	Semiconductor Process Design	
49	Nuclear and Quantum Engineering	NQE201	Fundamentals of Nuclear & Quantum Science	
50	Nuclear and Quantum Engineering	NQE202	Introduction to Nuclear EngineeringⅠ	
51	Nuclear and Quantum Engineering	NQE272	Introduction to Medical Physics	
52	Nuclear and Quantum Engineering	NQE281	Energy, Environment and Water	
53	Electrical Engineering	EE201	Circuit Theory	
54	Electrical Engineering	EE202	Signals and Systems	
55	Electrical Engineering	EE204	Electromagnetics	
56	Electrical Engineering	EE303	Digital System Design	
57	Electrical Engineering	EE304	Electronic Circuits	EE206(in the past)
58	Electrical Engineering	EE305	Introduction to Electronics Design Lab.	
59	Electrical Engineering	EE312	Introduction to Computer Architecture	
60	Electrical Engineering	EE321	Communication Engineering	
61	Electrical Engineering	EE324	Network Programming	
62	Electrical Engineering	EE342	Radio Engineering	
63	Electrical Engineering	EE372	Digital Electronic Circuits	
64	Electrical Engineering	EE381	Control System Engineering	
65	Electrical Engineering	EE411	Switching and Automata Theory	
66	Electrical Engineering	EE414	Embedded Systems	
67	Electrical Engineering	EE421	Wireless Communication Systems	
68	Computer Science	CS204	Discrete Mathematics	
69	Computer Science	CS211	Digital System and Lab	
70	Computer Science	CS230	System Programming	
71	Computer Science	CS310	Embedded Computer Systems	
72	Computer Science	CS320	Programming Language	
73	Computer Science	CS322	Formal Languages and Automata	
76	Computer Science	CS341	Introduction to Computer Networks	

75	Computer Science	CS350	Introduction to Software Engineering	
76	Computer Science	CS370	Symbolic Programming	
77	Computer Science	CS376	Machine Learning	
78	Computer Science	CS380	Introduction to Computer Graphics	
79	Computer Science	CS402	Introduction to Logic for Computer Science	
80	Computer Science	CS440	Data Communication	
81	Computer Science	CS470	Introduction to Artificial Intelligence	
82	Aerospace Engineering	MAE230	Solid Mechanics	

(In the event of typo or misinterpretation, the original text in Korean shall take precedence over the English translation.)