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

updated on March 1, 2015

*** The below mentioned subjects will be recognized up-to 9 credits as graduation requirements of electice course for Industrial & Systems Engineering Department 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
1	Civil and Environmental Engineering	CE206	Introduction to Sustainable Engineering
2	Civil and Environmental Engineering	CE350	Introduction to Transportation Systems Engineering
3	Mechanical Engineering	MAE200	Basic Mechanical Practice
4	Mechanical Engineering	MAE231	Solid Mechanics
5	Mechanical Engineering	MAE370	Materials Processing
6	Mechanical Engineering	MAE205	Mechanical Engineering Laboratory
7	Mechanical Engineering	MAE208	New Design and Experience in Mechanical Systems
8	Mechanical Engineering	MAE453	Introduction to Robotics Engineering
9	Mechanical Engineering	MAE460	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	BiS470	BioNano Engineering
16	Bio and Brain Engineering	BiS437	Bio-Data Engineering
17	Bio and Brain Engineering	BiS438	Bioinformatics
18	Bio and Brain Engineering	BiS351	Bio-Signal Processing
19	Bio and Brain Engineering	BiS377	Biomechanics
20	Bio and Brain Engineering	BiS352	System Modeling in Bioengineering
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	ID307	Interface Design
26	Industrial Design	ID309	CAD & 3D Modeling
27	Industrial Design	ID304	Product Design Program
28	Industrial Design	ID403	Product Design System
29	Industrial Design	ID308	Interaction Design
30	Industrial Design	ID310	Information Design
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

No	Department/School to open	Subject code	Subject name
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	MAS476	Game Theory
46	Mathematical Sciences	MAS475	Combinatorial 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 Engineering I
51	Nuclear and Quantum Engineering	NQE281	Energy, Environment and Water
52	Nuclear and Quantum Engineering	NQE272	Introduction to Medical Physics
53	Electrical Engineering	EE201	Circuit Theory
54	Electrical Engineering	EE202	Signals and Systems
55	Electrical Engineering	EE204	Electromagnetics
56	Electrical Engineering	EE305	Introduction to Electronics Design Lab.
57	Electrical Engineering	EE321	Communication Engineering
58	Electrical Engineering	EE372	Digital Electronic Circuits
59	Electrical Engineering	EE381	Control System Engineering
60	Electrical Engineering	EE414	Embedded Systems
61	Electrical Engineering	EE303	Digital System Design
62	Electrical Engineering	EE304	Electronic Circuits
63	Electrical Engineering	EE312	Introduction to Computer Architecture
64	Electrical Engineering	EE342	Radio Engineering
65	Electrical Engineering	EE411	Switching and Automata Theory
66	Electrical Engineering	EE324	Network Programming
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
74	Computer Science	CS470	Introduction to Artificial Intelligence
75	Computer Science	CS350	Introduction to Software Engineering
76	Computer Science	CS370	Symbolic Programming
77	Computer Science	CS402	Introduction to Logic for Computer Science
78	Computer Science	CS440	Data Communication
79	Computer Science	CS341	Introduction to Computer Networks
80	Computer Science	CS380	Introduction to Computer Graphics
81	Aerospace Engineering	MAE230	Solid Mechanics