

Advanced Program in Mechatronics Engineering

No	Programme	Course code	Course name	Period (Fall/Semester)	Semester	Credits (main CTS)
1	Advanced Program in Mechatronics Engineering	FL1101	English 2	Fall Spring	2	0
2	Advanced Program in Mechatronics Engineering	FL1102	TOEIC II	Fall Spring	2	0
3	Advanced Program in Mechatronics Engineering	FL1100	English 1	Fall Spring		0
4	Advanced Program in Mechatronics Engineering	EM1170	General Law	Fall	1	2
5	Advanced Program in Mechatronics Engineering	FL2100	Toeic NC1	Fall Spring		0
6	Advanced Program in Mechatronics Engineering	FL2101	Toeic NC2	Fall Spring		0
7	Advanced Program in Mechatronics Engineering	FL2102	Toeic NC3	Fall Spring		0
8	Advanced Program in Mechatronics Engineering	FL2103	Toeic NC4	Fall Spring		0
9	Advanced Program in Mechatronics Engineering	FL1016	Speaking Skills I	Fall	1	2
10	Advanced Program in Mechatronics Engineering	FL1026	Speaking Skills II	Spring	2	2
11	Advanced Program in Mechatronics Engineering	FL1019	Writing Skills I	Fall	1	2
12	Advanced Program in Mechatronics Engineering	FL1027	Listening Skills II	Spring	2	2
13	Advanced Program in Mechatronics Engineering	FL1028	Reading Skills II	Spring	2	2
14	Advanced Program in Mechatronics Engineering	MI1016	Analysis I	Fall	1	4

15	Advanced Program in Mechatronics Engineering	FL1029	Writing Skills II	Spring	2	2
16	Advanced Program in Mechatronics Engineering	FL1031	Composition Skills II	Spring	2	2
17	Advanced Program in Mechatronics Engineering	FL1017	Listening Skills I	Fall	1	2
18	Advanced Program in Mechatronics Engineering	FL1018	Reading Skills I	Fall	1	2
19	Advanced Program in Mechatronics Engineering	FL1022	Composition Skills I	Fall	1	2
20	Advanced Program in Mechatronics Engineering	IT1016	Introduction to Computer Science	Fall	3	3
21	Advanced Program in Mechatronics Engineering	ME2016	Technical Drawing I	Fall	3	2
22	Advanced Program in Mechatronics Engineering	MI1026	Analysis II	Spring	3	4
23	Advanced Program in Mechatronics Engineering	MI1036	Algebra	Fall	3	4
24	Advanced Program in Mechatronics Engineering	PH1016	Physics I	Fall	3	4
25	Advanced Program in Mechatronics Engineering	CH1016	General Chemistry	Spring	4	4
26	Advanced Program in Mechatronics Engineering	FL2016	Writing Skills III	Spring	4	2
27	Advanced Program in Mechatronics Engineering	ME2026	Technical Drawing	Spring	4	2
28	Advanced Program in Mechatronics Engineering	MI1046	Differential Equations and Series	Spring	4	3
29	Advanced Program in Mechatronics Engineering	MSE3016	Introduction to Materials Science and Engineering	Spring	4	3
30	Advanced Program in Mechatronics Engineering	PH1026	Physics II	Fall	4	4

31	Advanced Program in Mechatronics Engineering	EE3706	Linear Circuits I	Fall	5	3
32	Advanced Program in Mechatronics Engineering	EE3716	Linear Circuit Lab I	Fall	5	1
33	Advanced Program in Mechatronics Engineering	IT3016	Algorithms and Problems for Engineers	Fall	5	3
34	Advanced Program in Mechatronics Engineering	ME2006	Statics	Fall	5	3
35	Advanced Program in Mechatronics Engineering	ME2036	Introductory Mechanical Engineering	Fall	5	3
36	Advanced Program in Mechatronics Engineering	PH1036	Physics III	Fall	5	4
37	Advanced Program in Mechatronics Engineering	EE3726	Linear Circuits II	Spring	6	4
38	Advanced Program in Mechatronics Engineering	IT3136	Fundamentals of Logic Design	Spring	6	3
39	Advanced Program in Mechatronics Engineering	ME3026	Dynamics	Spring	6	3
40	Advanced Program in Mechatronics Engineering	ME3036	Workshop Practicum	Spring	6	2
41	Advanced Program in Mechatronics Engineering	ME3046	Strength of Materials	Spring	6	4
42	Advanced Program in Mechatronics Engineering	MI2026	Probability and Statistics	Fall	6	4
43	Advanced Program in Mechatronics Engineering	EE3736	Electronics 1	Fall	7	4
44	Advanced Program in Mechatronics Engineering	IT3036	Microprocessors and Assembly	Fall	7	3
45	Advanced Program in Mechatronics Engineering	ME3006	Group Communication	Fall	7	3
46	Advanced Program in Mechatronics Engineering	ME3016	Industrial Economics	Fall	7	3

47	Advanced Program in Mechatronics Engineering	ME3076	Mechanical Design	Fall	7	3
48	Advanced Program in Mechatronics Engineering	ME4196	Composite Materials and Modeling	Fall	7	2
49	Advanced Program in Mechatronics Engineering	EE3746	Electronics 2	Spring	8	4
50	Advanced Program in Mechatronics Engineering	EE3756	Digital System Design	Spring	8	4
51	Advanced Program in Mechatronics Engineering	ME3056	Measurement and Instrumentations	Spring	8	3
52	Advanced Program in Mechatronics Engineering	ME3066	Design Project I	Spring	8	3
53	Advanced Program in Mechatronics Engineering	ME3096	CAD/CAM and CNC	Spring	8	2
54	Advanced Program in Mechatronics Engineering	ME3106	Engineering Practicum	Spring	8	2
55	Advanced Program in Mechatronics Engineering	EE3766	Computer Interface Circuits	Fall	9	4
56	Advanced Program in Mechatronics Engineering	ME3086	Mechanical Technology	Fall	9	4
57	Advanced Program in Mechatronics Engineering	ME4006	Control System Design	Fall	9	4
58	Advanced Program in Mechatronics Engineering	ME4176	Machine Motion and Automation	Fall	9	4
59	Advanced Program in Mechatronics Engineering	ME4186	Design Project II	Fall	9	3
60	Advanced Program in Mechatronics Engineering	ME4216	Industrial Robots	Fall	9	2
61	Advanced Program in Mechatronics Engineering	ME4226	Engineer's Ethics and Environmental Protection	Fall Spring	10	3
62	Advanced Program in Mechatronics Engineering	ME5016	Graduation Practicum	Fall Spring	10	4

63	Advanced Program in Mechatronics Engineering	ME5116	Graduation Project	Fall Spring	10	10
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