

1st SECTION														2nd				
		Basic Education Courses	-	PROGRAM COMPETENCIES														
		General Common Courses																
		General Culture Elective																
		Professional Knowledge																
	COD	COURSE NAME	ECT	PR1	PR2	PR3	PR4	PR5	PR6	PR7	PR8	PR9	PR10	PR11	PR12	PR13	PR14	PR15
1st Year, 1st Semester	MTH10	Mathematics I	5	5	2	1	2	2	4	1	2	1	1	2	2	1	1	1
	PHY101	Physics I	5	5	1	1	2	2	3	1	2	1	1	2	1	1	2	1
	CHM10	Chemistry	5	5	1	1	2	1	2	1	1	1	1	2	1	1	2	2
	ENG101	English I	3	1	1	1	1	2	1	4	1	3	1	3	3	5	1	1
	MTH11	Linear Algebra	5	5	2	1	2	2	5	1	2	1	1	2	2	1	1	1
	AI102	Programming	5	3	3	2	4	5	4	2	3	3	1	2	2	2	3	1
	CAM10	Orientation	2	1	1	1	1	2	1	2	1	4	3	4	2	3	1	3
1st Year, 2nd Semester	MTH10	Mathematics II	6	5	2	1	2	2	5	1	2	1	1	2	2	1	1	1
	PHY102	Physics II	6	5	2	1	2	2	3	1	2	1	1	2	1	1	2	1
	AI104	Discrete Structures	5	4	3	2	2	3	3	1	2	1	1	2	2	1	1	1
	ENG102	English II	3	1	1	1	1	2	1	4	1	3	1	4	4	5	1	1
	AI108	OOP	6	3	3	3	4	5	4	2	3	3	1	2	2	2	3	1
	GEC351	21st Century Skills	2	1	1	1	2	3	2	4	2	4	4	5	4	4	2	4
2nd Year, 1st Semester	DAE001	Adv. Algebra & Calculus	6	5	3	3	2	3	5	2	3	1	1	2	2	1	2	1
	AI1201	Data Structures	6	4	3	3	3	5	4	2	3	3	1	2	2	2	3	1
	DAE003	Information Theory	5	4	5	3	2	3	4	1	2	1	3	2	2	1	3	3
	MTH201	Differential Equations	6	5	2	1	2	2	5	1	2	1	1	2	2	1	1	1
	DAE002	Audiovisual Processing	5	3	3	3	2	3	3	4	2	1	1	2	2	3	3	1
2nd Year, 2nd Semester	AI1202	Database Systems	6	3	5	3	5	5	4	2	3	3	3	2	2	2	4	3
	DAE004	Data Engineering	5	3	5	3	5	5	4	2	3	3	3	2	2	2	4	3
	DAE005	Signals & Systems	6	4	3	3	2	3	4	2	2	1	1	2	2	1	3	1
	MTH25	Probability & Stats	6	5	3	3	3	4	5	2	3	1	1	2	2	1	3	1
	AIE299	Summer Practice I	6	3	3	3	4	5	4	4	5	5	4	4	3	4	4	4
3rd Year, 1st Semester	DAE007	Stats II	5	5	3	3	3	4	5	2	3	1	1	2	2	1	3	1
	DAE006	ML Satellite	5	3	3	5	4	5	4	4	3	3	3	3	2	2	5	4
	ENG201	Communication	4	1	1	1	1	2	1	5	1	4	1	2	2	5	1	1
	DAE008	Prescriptive Analytics	5	3	4	5	4	5	5	4	3	3	3	3	3	2	4	3
	AI1439	OHS I	4	1	1	1	1	2	1	1	1	3	5	2	2	2	1	5
	DAE009	Systems Engineering	5	3	4	3	2	4	4	2	3	5	3	2	2	2	4	3
	CAR100	Career Planning	2	1	1	1	1	2	1	2	1	4	3	4	2	4	1	3
3rd Year, 2nd Semester	AIE399	Summer Practice II	6	3	3	3	4	5	4	4	5	5	4	4	3	4	4	4
	DAE011	Machine Learning I	6	4	3	5	4	5	4	3	3	2	2	3	3	2	4	3
	DAE012	Mathematical	6	5	3	3	3	4	5	2	3	2	1	3	3	1	3	2
	DAE013	Parallel & Distributed	6	4	5	3	4	5	4	2	3	2	2	3	3	2	4	3
	DAE014	Advanced Databases	6	3	5	3	5	5	4	2	3	2	3	3	3	2	4	3
	DAE010	Prescriptive Analytics II	6	3	4	5	4	5	5	4	3	3	3	3	3	2	4	3
4th Year, 1st Semester	DAE015	Machine Learning II	6	4	3	5	4	5	4	3	3	2	2	3	3	2	4	3
	DAE016	Entrepreneurship &	5	2	2	2	2	3	2	2	2	5	3	4	3	4	3	4
	DAE017	Information Retrieval	6	3	4	4	3	4	3	3	3	2	2	3	3	2	4	2
	DAE018	Senior Project I	6	4	4	4	5	5	5	5	5	5	4	4	4	5	5	4
	TE	Technical Elective I	5	4	4	4	4	5	4	3	3	2	2	3	3	2	4	3
	TE	Technical Elective II	5	4	4	4	4	5	4	3	3	2	2	3	3	2	4	3
4th Year, 2nd Semester	AI1429	Engineering Ethics	6	1	1	1	1	3	2	2	2	4	5	2	2	2	2	5
	DAE019	Senior Project II	7	4	4	4	5	5	5	5	5	5	4	4	4	5	5	4
	DAE020	Information Visualization	5	2	2	3	3	4	3	5	3	2	2	2	2	5	3	2
	DAE021	Image Processing & Vision	5	3	3	5	4	5	4	4	3	3	3	2	2	2	5	3
	AI1440	OHS II	2	1	1	1	1	2	1	1	1	3	5	2	2	2	1	5
	TE	Technical Elective III	5	4	4	4	4	5	4	3	3	2	2	3	3	2	4	3
	TE	Technical Elective IV	5	4	4	4	4	5	4	3	3	2	2	3	3	2	4	3
Total Courses: 54 Total ECTS: 240																		
NOTE: In the matrix, 1 indicates "very low," 2 "low," 3 "medium," 4 "high," and 5 "very high" contribution.																		