



**DIPLOMA IN ELECTRICAL ENGINEERING (DAE)  
STUDY PLAN  
(START COHORT 2023 ONWARDS)**

Sem	Course Code	Course Name	L	T	L	SLT	Credit
1	UQ* 1***1	Co-curriculum I	0	0	3	3	1
	UQI 10402	Islamic Studies	2	0	0		2
	UQI 10202	Moral Studies	2	0	0	2	2
	UHB 13003	Introduction to English Communication	3	0	0	3	3
	DAE 13003	Algebra	2	2	0	4	3
	DAE 13103	Physics for Electrical Engineering	3	0	0	3	3
	DAE 10403	Computer and Multimedia Technology	2	0	3	5	3
	DAE 11003	Electrical Technology	2	0	3	5	3
<b>Total</b>						<b>25</b>	<b>18</b>

**Year 2**

Sem	Course Code	Course Name	L	T	L	SLT	Credit
1	DAN 20103	Business and Entrepreneurship	3	0	0	3	3
	DAE 21303	Electronic	2	0	3	5	3
	DAE 32103	Control System	2	0	3	5	3
	DAE 32203	Microcontroller	2	0	3	5	3
	DAE 32303	Electrical Machines and Drives	2	0	3	5	3
	DAE 31001	Electrical Engineering Project I	0	0	3	3	1
	DAE 21501	Computer Aided Design Laboratory	0	0	3	3	1
<b>Total</b>						<b>29</b>	<b>17</b>

**Year 3**

Sem	Course Code	Course Name	L	T	L	SLT	Credit	
1	DAE 23910	Industrial Training	20 weeks					10
	<b>Total</b>							<b>10</b>

**Special Semester**

Sem	Course Code	Course Name	L	T	L	SLT	Credit
Special	DAE 10102	Occupational Safety & Health	2	0	0	2	2
	UHB 10*02	Foreign Language	1	2	0	3	2
	UQU 10403	Introduction to Nationhood and	3	0	0	3	3
	<b>Total</b>						<b>8</b>

**Year 1**

Sem	Course Code	Course Name	L	T	L	SLT	Credit
2	UQx 1***1	Co-curriculum II	0	0	3	3	1
	DAE 12003	Engineering Mathematic	2	2	0	4	3
	DAE 22102	Supervision Management	2	0	0	2	2
	DAE 21403	Electrical Measurement & Instrumentation	2	0	3	5	3
	DAE 11103	Circuit Theory	3	0	0	3	3
	DAE 20102	Computer Programming	1	0	3	4	2
	DAE 21203	Digital Electronic	2	0	3	5	3
	DAE 10202	Electrical Wiring	0	0	4	4	2
	<b>Total</b>						<b>30</b>

Sem	Course Code	Course Name	L	T	L	SLT	Credit
2	UHB 23003	English for Career Development	3	0	0	3	3
	UQI 11402	Philosophy and Current Issues	2	0	0	2	2
	DAE 23602	Statistic	1	2	0	3	2
	DAE 32403	Electrical Power System	2	0	3	5	3
	DAE 32603	Communication Engineering	2	0	3	5	3
	DAE 31203	Industrial Automation	2	0	3	5	3
	DAE 31103	Electrical Engineering Project II	0	0	3	3	3
<b>Total</b>						<b>25</b>	<b>19</b>

<b>TOTAL CREDIT</b>							<b>90</b>
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