ETMA-101	APPLIED MATHEMATICS-I											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.101.1	3	2	1	2	2	1	.	.	.	.	.	.
C.101.2	2	2	1	2	2	1	.	.	.	.	.	.
C.101.3	3	1	2	1	1	1	.	.	.	.	.	.
C.101.4	3	3	3	2	2	1	.	.	.	.	.	.
C.101.5	3	3	3	3	2	1	.	.	.	.	.	.
C.101.6	3	3	2	2	1	1	.	.	.	.	.	.
C.101	2.9	2.4	2	2	1.7	1	.	.	.	.	.	.
ETPH-103	Applied Physics I											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.103.1	3	3	3	2	2	2	3	2	2	2	3	2
C.103.2	3	3	3	2	2	3	3	2	1	2	2	3
C.103.3	2	3	3	3	2	2	2	2	3	2	3	2
C.103.4	3	2	2	2	2	3	2	2	2	2	2	2
C.103.5	2	2	2	2	2	2	3	2	2	2	2	3
C.103.6	3	2	2	2	2	2	2	2	2	2	2	3
C.103	2.7	2.5	2.5	2.2	2	2.4	2.5	2	2	2	2.4	2.5
ETME-105	Manufacturing Process											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.105.1	3	1	1	1	1	1	1	1	1	2	3	3
C.105.2	3	2	1	1	2	1	1	1	2	3	3	3
C.105.3	3	1	1	1	2	1	1	1	2	2	3	3
C.105.4	3	1	1	1	3	1	1	1	2	2	3	3
C.105.5	3	2	2	2	3	1	1	1	3	3	3	3
C.105.6	3	1	2	1	1	1	1	1	2	2	3	3
C.105	3	1.4	1.4	1.2	2	1	1	1	2	2.4	3	3

ETEE-107	Electrical Technology											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.107.1	3	3	3	3	3	2	3	0	1	2	1	3
C.107.2	3	3	3	2	3	3	1	2	1	2	2	3
C.107.3	3	3	3	3	2	2	1	2	1	2	3	2
C.107.4	3	1	3	2	2	3	1	1	2	3	3	2
C.107.5	3	1	2	1	1	3	3	1	0	1	2	2
C.107.6	3	3	3	2	3	3	3	2	3	3	3	3
C.107	3	2.4	2.9	2.2	2.4	2.7	2	1.4	1.4	2.2	2.4	2.5
ETHS-109	**Human Values and Professional Ethics**											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.109.1	1	1	2	1	1	2	2	3	3	3	2	2
C.109.2	1	1	3	1	2	2	3	3	3	3	2	3
C.109.3	2	1	3	1	2	3	3	3	3	2	3	3
C.109.4	1	1	3	1	2	3	3	3	3	1	3	3
C.109.5	1	1	3	1	2	3	3	3	3	2	3	3
C.109.6	2	2	3	1	2	3	3	3	3	3	2	3
C.109	1.4	1.2	2.9	1	1.9	2.7	2.9	3	3	2.4	2.5	2.9
ETCS-111	**Fundamentals of Computing**											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C111.1	-	-	-	1	1	-	3	-	-	2	2	-
C111.2	-	-	-	1	1	-	3	-	-	2	2	-
C111.3	2	1	-	1	2	3	2	3	-	2	3	3
C111.4	3	3	3	3	3	-	2	3	3	3	3	3
C111.5	-	-	-	1	1	-	2	-	-	2	2	-
C111.6	-	-	-	1	1	-	3	-	-	2	2	-
C.111	2.5	2	3	1.4	1.5	3	2.5	3	3	2.2	2.4	3

ETCH-161	Applied Chemistry Lab-I											
CO	PO1	PO 2	PO 3	PO 4	PO 5	PO6	PO 7	PO8	PO 9	PO 10	PO 11	PO12
CO.161.1	2	2	2	2	1	-	-	1	2	-	3	3
CO.161.2	3	3	3	3	-	-	1	1	2	-	3	3
CO.161.3	3	3	2	3	2	-	-	2	3	2	3	2
CO.161.4	2	2	2	3	2	-	1	-	3	-	3	2
CO.161.5	2	3	2	2	2	1	1	1	2	-	3	1
CO.161.6	3	3	2	3	1	2	1	2	2	-	3	2
C.161	2.5	2.7	2.2	2.7	1.6	1.5	1	1.4	2.4	2	3	2.2
ETPH-151	Applied Physics Lab-I											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.151.1	3	2	3	2	3	2	3	2	3	3	3	3
C.151.2	3	3	3	3	2	2	2	3	3	3	3	3
C.151.3	3	3	3	2	2	2	3	2	3	3	3	3
C.151.4	3	3	3	3	3	3	3	3	3	3	3	3
C.151.5	3	3	2	3	2	2	3	2	3	3	3	3
` C.151.6	3	3	3	3	3	3	3	3	3	3	3	3
C.151	3	2.9	2.9	2.7	2.5	2.4	2.9	2.5	3	3	3	3
ETEE-153	Electrical Technology LAB											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.153.1	3	3	2	3	3	2	1	0	0	1	3	3
C.153.2	3	1	2	2	2	3	2	0	0	0	2	1
C.153.3	3	3	3	2	2	2	2	0	0	1	2	1
C.153.4	3	3	3	3	1	1	1	0	0	0	2	2
C.153.5	3	3	3	3	2	2	2	0	0	1	2	1
C.153.6	2	2	2	3	2	2	1	0	0	0	0	2
C.153	2.9	2.5	2.5	2.7	2	2	1.5	0	0	0.5	1.9	1.7

ETME 155	WORKSHOP PRACTICE											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.155.1	3	-	3	-	3	3	3	3	3	2	2	3
C.155.2	3	-	3	-	3	3	3	3	3	2	2	3
C.155.3	3	-	3	-	3	3	3	3	3	2	2	3
C.155.4	3	-	3	-	3	3	3	3	3	2	2	3
C.155.5	3	-	3	-	3	3	3	3	3	2	2	3
C.155	3	-	3	-	3	3	3	3	3	2	2	3
ETME 157	Engineering Graphics Lab											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.157.1	3	3	3	2	2	2	2	3	3	3	-	3
C.157.2	3	3	3	2	2	2	2	3	3	3	-	3
C.157.3	3	3	2	2	2	2	2	3	3	3	-	3
C.157.4	3	3	3	2	2	2	2	3	2	3	-	2
C.157.5	3	3	3	2	2	2	2	3	2	3	-	2
C.157	3	3	2.8	2	2	2	2	3	2.6	3	-	2.6
ETCS-157	Fundamentals of Computing lab											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C.157.1	-	-	-	1	1	-	3	-	-	2	2	-
C.157.2	-	-	-	1	1	-	3	-	-	2	2	-
C.157.3	2	1	-	1	2	2	3	3	-	-	2	3
C.157.4	3	3	3	3	3	3	3	3	3	3	3	3
C.157.5	3	3	3	3	3	3	3	3	3	3	3	3
` C.157.6	-	-	-	1	1	-	3	-	-	2	2	-
C.157	2.7	2.4	3	1.7	1.9	2.7	3	3	3	2.4	2.4	3

ETCH-161	Applied Chemistry Lab-I											
CO	PO1	PO 2	PO 3	PO 4	PO 5	PO6	PO 7	PO8	PO 9	PO 10	PO 11	PO12
CO.161.1	2	2	2	2	1	-	-	1	2	-	3	3
CO.161.2	3	3	3	3	-	-	1	1	2	-	3	3
CO.161.3	3	3	2	3	2	-	-	2	3	2	3	2
CO.161.4	2	2	2	3	2	-	1	-	3	-	3	2
CO.161.5	2	3	2	2	2	1	1	1	2	-	3	1
CO.161.6	3	3	2	3	1	2	1	2	2	-	3	2
C.161	2.5	2.7	2.2	2.7	1.6	1.5	1	1.4	2.4	2	3	2.2