

# DEGREE AUDIT

## Department of Engineering

**Degree** : **Diploma**  
**Major** : **Mechatronics Engineering**  
**Section** : **Mechanical and Industrial Engineering**

Course Code	Course Title	Required by	Pre-Requisites	Co-Requisites	Passing Grade	Passing Mark %	Credit Hours	Contact Hours	
								Theory Hours	Practical Hours
<b>SEMESTER I</b>									
ENGL 2100	TECHNICAL COMMUNICATION	COLLEGE	ENTW 1200	NONE	D	55	3	2	2
MIME 2101	ENGINEERING MECHANICS	SPECIALZ	PHYS 1200	NONE	C	67	3	2	2
MIEE 2102	BASICS OF ELECTRICAL ENGINEERING	SPECIALZ	PYHS 1210	NONE	C	67	3	1	4
MATH 2100	CALCULUS II	DEPT	MATH 1200	NONE	C-	60	3	3	0
MIME 2110	FLUID MECHANICS	SPECIALZ	PHYS 1200	NONE	C	67	3	2	2
<b>Total</b>							15	10	10
<b>SEMESTER II</b>									
MIMT 2201	BASICS OF MECHATRONICS ENGINEERING	SPECIALZ	PHYS 1210 MIEE 2102	NONE	C	67	3	2	2
MIMT 2202	INSTRUMENTATION SYSTEMS AND CONTROLS	SPECIALZ	PHYS 1210 MIEE 2102	NONE	C	67	3	1	4
MIME 2203	STRENGTH OF MATERIALS	SPECIALZ	MIME 2101	NONE	C	67	3	1	4
MIME 2204	ENGINEERING MATERIALS	SPECIALZ	PYHS 1200 CHEM 1101	NONE	C	67	3	2	2
PHIL 2200	FORMAL LOGIC	COLLEGE	ENTW 1200	NONE	D	55	3	3	0
<b>Total</b>							15	9	12
<b>SUMMER TERM</b>									
MIMT 2301	DIPLOMA PROJECT	SPECIALZ	MIMT 2201 MIMT 2202	NONE	C	67	3	0	6
PHIL 2108	BUSINESS ETHICS	COLLEGE	NONE	NONE	D	55	3	2	2
<b>Total</b>							6	2	8
<b>Overall Total</b>							36	21	30

**ON JOB TRAINING : 8 WEEKS**

**ENHANCEMENT / PRACTICAL TRAINING : 6-12 WEEKS**