

Outline of Technical Studies

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Contact Hrs.
MST121	Blueprint Reading	2	None	48
AIT122	Machine Tools	4	None	96
MTH107	Industrial Math	3	Accuplacer	48
AIT123	Advanced Machine Tools	4	AIT122	96
IET223	Computer Numerical Control	4	None	96
IET270	Dimensional Metrology & Inspection	3	MTH107	64
AIT137	CAD/CAM	4	AIT122 and IET223	80
AIT221	Advanced CNC	3	IET223	64
	TOTAL	27	TOTAL	592

Course Sequence

<u>First Semester</u>	<u>Course</u>	<u>Second Semester</u>	<u>Course</u>
MTH107	Industrial Math	AIT122	Machine Tools
MST121	Blueprint Reading	IET223	Computer Numerical Control
<u>Third Semester</u>	<u>Course</u>	<u>Fourth Semester</u>	<u>Course</u>
IET270	Dimensional Metrology & Inspection	AIT221	Advanced CNC
AIT123	Advanced Machine Tools	AIT137	CAD/CAM