



## STC - ADDITIVE MANUFACTURING

Full Time	Course Prefix	Course Description	Credit Hours	Area
<b>Semester 1</b>	ADM 101	Precision Measurement	3	V
	ADM 102	Computer Aided Design	3	V
	ADM 108	Intro to 3D Modeling	3	V
	ADM 114	Design Innovation	3	V
<b>Semester 2</b>	ADM 160	Add. Manuf. Production Tech.	3	V
	ADM 208	Intermediate 3D Modeling	3	V
	ADM 261	Reverse Engineering	3	V
		<b>Total Hours</b>	21	



## STC - ADVANCED DESIGN

Full Time	Course Prefix	Course Description	Credit Hours	Area
<b>Semester 1</b>	ADM 102	Computer Aided Design	3	V
	ADM 108	Intro to 3D Modeling	3	V
	ADM 261	Reverse Engineering	3	V
<b>Semester 2</b>	ADM 208	Intermediate 3D Modeling	3	V
	AET 245	Advanced Design	3	V
		<b>Total Hours</b>	15	



## STC - ARCHITECTURAL ENGINEERING TECHNOLOGY

Full Time	Course Prefix	Course Description	Credit Hours	Area
<b>Semester 1</b>	ADM 102	Computer Aided Design	3	V
	ENT 215	Architectural drawing	3	V
	CMT 102	Blueprint Reading for Const.	3	V
	BUC 133	Building Codes	3	V
<b>Semester 2</b>	AET 200	Advanced Architectural CAD	3	V
	AET 221	Energy Design of Buildings	3	V
	AET 245	Advanced Design	3	V
	AET 290	Building Information Modeling	3	V
	CMT 114	OSHA	1	V
		<b>Total Hours</b>	25	



## STC - BASIC AUTOCAD

Full Time	Course Prefix	Course Description	Credit Hours	Area
	ADM 102	Intro to 3D Modeling	3	V
	EGR 125	Modern Graphics for Engineers	3	V
	ENT 212	CAD for Electronics	3	V
		<b>Total Hours</b>	9	



## STC - CIVIL ENGINEERING TECHNOLOGY

Full Time	Course Prefix	Course Description	Credit Hours	Area
<b>Semester 1</b>	ADM 102	Computer Aided Design	3	V
	ADM 108	Intro to 3D Modeling	3	V
	CDT 205	Fundamentals of Surveying	3	V
	MDT 100	Engineering Blueprints	3	V
<b>Semester 2</b>	ENT 128	Adv. Computer Aided Drafting	3	V
	AET 245	Advanced Design	3	V
	CDT 221	Structural Drafting for Tech	3	V
	CDT 223	Civil Engineering Drafting	3	V
	CMT 114	OSHA	1	V
		<b>Total Hours</b>	25	



## STC - CONSTRUCTION SCIENCE

Full Time	Course Prefix	Course Description	Credit Hours	Area
	CMT 101	Const. Materials & Methods	3	V
	CMT 175	Electrical & Plumbing Systems	3	V
	AET 290	Building Information Modeling	3	V
		<b>Total Hours</b>	9	



## STC - MECHANICAL ENGINEERING TECHNOLOGY

Full Time	Course Prefix	Course Description	Credit Hours	Area
<b>Semester 1</b>	ADM 101	Precision Measurement	3	V
	ADM 102	Computer Aided Design	3	V
	ADM 108	Intro to 3D Modeling	3	V
	ADM 261	Reverse Engineering	3	V
	ENT 127	Mechanical Drawing	3	V
<b>Semester 2</b>	ADM 208	Intermediate 3D Modeling	3	V
	AET 245	Advanced Design	3	V
	ENT 128	Adv. Computer Aided Drafting	3	V
	ENT 217	Machine Design	3	V
		<b>Total Hours</b>	27	



## STC - 3D GRAPHIC SCIENCE

Full Time	Course Prefix	Course Description	Credit Hours	Area
	ADM 108	Intro to 3D Modeling	3	V
	ADM 208	Intermediate 3D Modeling	3	V
	AET 245	Advanced Design	3	V
	AET 290	Building Information Modeling	3	V
		<b>Total Hours</b>	12	