

Program Name: Precision Machining & Automation Tech.  
 Program Chair: Kirby Taylor  
 Date: FOR STUDENTS WHO START THE PROGRAM IN 2018FA

COURSE #	COURSE TITLE	Lecture	Lab, Coop, Clinical, Internship	Total	Semester Credits	Quarter Credits
1st. Quarter						
OCTOBER-2018						
MACH 1121	MANUFACTURING PROCESSES	30	20	50		3.5
MACH1156	BLUEPRINT READING	20	30	50		3
MACH1225	MATERIALS OF INDUSTRY	50	0	50		5
MACH1173	LAB 1	15	60	75		3.5
MACH 1174	LAB 2	10	60	70		3
2nd. Quarter						
JANUARY-2019						
MACH 1223	LAB 3	5	75	80		3
MACH 1224	LAB 4	5	115	120		4
MACH 1241	MACHINERY'S HANDBOOK	50	0	50		5
MACH 1250	CAD	20	30	50		3
GENED 2	RECOMMENDED MATH1050	45	0	45		4.5
3rd Quarter						
MARCH-2019						
MACH 1324	LAB 5	10	190	200		7
MACH 1349	CNC 1	45	30	75		5.5
GENED 3	RECOMMEND ENGL 1010	45	0	45		4.5
GENED 1	RECOMMENDED BSAD 1010	45	0	45		4.5
Semester 3						
AUGUST-2019						
MACH1428	LAB 6	15	158	173	4.5	
MACH1455	CNC 2 WITH MASTERCAM	60	90	150	6	
MACH2641	ADVANCED CNC THEORY	23	23	46	2	
GENED 4	RECOMMEND SPCH 1110	45	0	45	3	
Semester 4						
JANUARY-2020						
MACH2652	CNC AND AUTOMATION DESIGN	30	45	75	3	
MACH2536	AUTOMATED EQUIPMENT LAB	8	135	143	3.5	
MACH2660	ADVANCED CNC LAB	8	135	143	3.5	
MACH2510	AUTOMATION FUNDAMENTALS	23	23	46	2	
GENED 4	RECOMMEND SPCH 1110	45	0	45	3	
GENED 5	RECOMMEND ECON 1200	45	0	45	3	

For Students who plan to take the CNC and Automation Option