

**Two-Year Academic Course Schedule -  
Fall 2017 through Summer 2019**

<b>Program: Industrial Technology</b>																
<b>Department Chair: John Mangin</b>										<b>Campus Phone Ext. #: 6413</b>						
<b>Date Completed: 4/25/2017</b>																
				<b>Campus (Cmp)</b>				<b>Times</b>								
Note to students: This schedule is only a guide to the minimum planned course offerings for each program so that you can plan your course of study. These courses will be offered as indicated, but they are not guaranteed to make unless minimum enrollments are met. Please check the current Aims class schedule for class times and additional offerings.				GR	Greeley					M	Morning	(7:00 am - Noon)				
				FL	Fort Lupton					A	Afternoon	(Noon - 5:00 pm)				
				LV	Loveland					D	Day	(Time Unspecified)				
				W	Windsor					E	Evening	(Time Unspecified)				
				O	Other					S	Self-directed					
										ARR	Individually arranged (internship, practicum, etc.)					
										CC	Contact Program Chair (above). Course will be offered when there is sufficient interest to meet class minimum.					
										WK	Weekend	(varies)				
										Z	Alternative Delivery: Hybrid or online course where one or more class sessions may be held on campus					
Prefix	Course Number	Course Title	Credits	Fall 2017		Spring 2018		Summer 2018		Fall 2018		Spring 2019		Summer 2019		
				Cmp	Times	Cmp	Times	Cmp	Times	Cmp	Times	Cmp	Times	Cmp	Times	
AEC	107	Blueprint Reading (Res/Com)	3.00	GR	Z											
AEC	226	Construction Scheduling	3.00			GR	Z									
AEC	231	Estimating II: Cost Analysis	3.00	GR	Z											
AEC	232	Construction Project Management	3.00	GR	Z											
AEC	233	Construction Safety and Loss Prevention	2.00	GR/FL	Z	GR/FL	Z									
CAD	101	Introduction to CAD	3.00	GR	ME	GR	ME		CC							
CAD	255	SolidWorks	3.00	GR	ME				CC							
EIC	105	Basics of AC/DC Electricity	4.00	GR	DE	GR	DE			GR	DE	GR	DE			
ELT	248	Automation Control Circuits	3.00	GR	DE					GR	DE					
ELT	258	Programmable Logic Controllers	3.00	GR	DE			GR/W	D	GR	DE					
ELT	259	Advanced Programmable Logic Controllers	3.00			GR	DE					GR	DE			
ELT	267	Introduction to Robotics	1.00	GR	DE	GR	DE			GR	DE	GR	DE			
ENY	101	Introduction to Energy Technology	3.00	GR	Z	GR	DE			GR	Z	GR	DE			
ENY	102	Building Energy Audit Tech	3.00			GR	Z									
ENY	131	Solar Stand Alone Systems	2.00			GR	Z									
ENY	153	Renewable Energy Construction	4.00			GR	Z									
ENY	160	Manufacturing and Energy	3.00			GR	Z					GR	Z			
ENY	200	Energy Management	4.00	GR	Z					GR	Z					
ENY	205	Green and Sustainable Buildings	4.00	GR	Z											

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				Cmp	Times	Cmp	Times	Cmp	Times	Cmp	Times	Cmp	Times	Cmp	Times
ENY	221	Quantifying Energy Use I	4.00			GR	Z					GR	Z		
MTE	135	Lean Six Sigma	4.00			GR	Z					GR	Z		
MTE	230	Design for Manufacturability	3.00			GR	Z					GR	Z		
MTE	244	Lean Manufacturing Practices/Processes	3.00	GR	Z					GR	Z				
MTE	247	Strength of Materials	3.00	GR	Z					GR	Z				
PRO	100	Introduction to Process Technology	3.00	GR	Z	GR	Z			GR	Z	GR	Z		
PRO	120	Process Technology I: Equipment	4.00			GR	Z					GR	Z		
PRO	130	Process Technology II: Instrumentation	3.00	GR	Z					GR	Z				
PRO	220	Process Technology III: Operations	4.00			GR	Z					GR	Z		
PRO	275	Special Topics	1-6		CC		CC		CC		CC		CC		CC
PRO	280	Internship	1-6	GR	ARR	GR	ARR	GR	ARR	GR	ARR	GR	ARR	GR	ARR
PRO	285	Independent Study	1-6	GR	ARR	GR	ARR	GR	ARR	GR	ARR	GR	ARR	GR	ARR
NRE	214	Environmental Issues & Ethics	3.00			GR	DE					GR	DE		
WTG	100	Introduction to Wind Industry	3.00	GR	CC	GR	CC			GR	CC	GR	CC		