

## STUDENT ACADEMIC PLAN

<b>Ivy Tech Community College</b>		<b>School of Technology</b>								
<b>Northwest</b>		<b>Industrial Technology (INDT) - MNT emphasis</b>								
FIRST NAME:		ID#			H/M PHONE:					
LAST NAME:		E-MAIL			WORK PHONE:					
Application: YES ___ NO ___		TRANSCRIPT: HS ___ GED ___ COLLEGE ___								
<b>Comp</b>	<b>Reading</b>		<b>Comp</b>	<b>Writing</b>		<b>Comp</b>	<b>Math</b>		<b>Degree Objective:</b>	
49-79	ENGL 083	_____	32-69	ENGL 093	_____	Prealgebra 22+	MATH 015	_____	AAS ___	AS ___
80-100	NONE	_____	70-100	ENGL 111	_____	Algebra 24+	MATH 023	_____	TC ___	CDC ___
						Algebra 35+	MATH 035	_____	CO ___	
						Algebra 52+	MATH 043	_____		
<b>CURRICULUM SCHEDULE</b>								<b>Effective Fall '11</b>		
<b>Course</b>	<b>Name</b>			<b>CR</b>	<b>Prerequisites</b>			<b>Semester</b>		<b>Grade</b>
<b>Semester I (FALL) - 13 credits</b>								plan	taken	
^^IVYT	1__	_____			1-3					
<sup>1</sup> INDT	100	Computer Fundamentals			3					
<sup>1;2;3</sup> INDT	102	Introduction to Print Reading			3	MATH 015				
INDT	106	Intro to Workplace Safety			3					
<sup>1;2;3</sup> INDT	113	Basic Electricity			3	MATH 015				
<b>Semester II (SPRING) - 15 credits</b>										
<sup>1;2;3</sup> COMM	101	Public Speaking			3	ENGL 083 & ENGL 093				
MATH	121	Geometry/Trigonometry			3	MATH 035 or MATH 043				
<sup>1</sup> INDT	103	Motors and Motor Controls			3	INDT 113				
<sup>1;2;3</sup> INDT	104	Fluid Power Basics			3	MATH 015				
<sup>1</sup> INDT	205	Programmable Controllers I			3	INDT 113				
<b>Summer Semester - 3 credits</b>										
ADMF	106	Supervision and Teams at Work			3	ENGL 083 & ENGL 093				
<b>Semester III (FALL) - 15 credits</b>										
ADMF	115	Materials and Processes			3					
ENGL	111	English Composition			3	ENGL 083 & ENGL 093				
<sup>3</sup> INDT	203	Machine Maintenance-Installation			3	MATH 035 or MATH 043				
<sup>1;2;3</sup> MATH	136	College Algebra			3	MATH 035 or MATH 043				
*	_____	_____			3					
<b>Semester IV (SPRING) - 16 credits</b>										
<sup>3</sup> INDT	114	Intro to Welding			3					
^INDT	260	Problem Solving and Teamwork			3	ENGL 111, MATH 035 or MAT				
PHYS	101	Physics I			4	MATH 121 or MATH 137				
*	_____	_____			3					
**	_____	_____			3					
* Technical elective see the reverse side										
** Humanities/Social Sciences Elective										
^ Capstone course										
^^ IVYT elective course is required if program ready; IVYT 101 or IVYT 120 is required in the first semester if one or two ASA courses needed; IVYT 120 is required in the first semester if three or more ASA courses needed.										
The School of Technology reserves the right to change the schedule due to enrollment considerations, program revisions, or unforeseen circumstances. It is the student's responsibility to meet all prerequisites as outlined by the program.										
Projected Completion Date: _____										
Student's Signature: _____								Date: _____		

<b>*Elective Courses:</b>							
Course		Name	CR	Prerequisites	Semester		Grade
					plan	taken	
<sup>2</sup> MTTC	110	Turning and Milling Process	3				
<sup>3</sup> IMTC	111	Rigging	3				
<sup>1</sup> IMTC	122	Electrical Wiring Fundamentals	3	INDT 113			
<sup>2,3</sup> INDT	201	Fluid Power Systems	3	INDT 104			
<sup>1</sup> INDT	204	Electrical Circuits	3	INDT 113			
<sup>1</sup> INDT	206	Programmable Controllers II	3	INDT 205			
<sup>2</sup> INDT	210	Pumps	3	INDT 104			
<sup>1</sup> INDT	211	Industrial Instrumentation	3	INDT 113 & MATH 015			
INDT	212	Programmable Controllers III	3	INDT 206			
<sup>3</sup> INDT	213	Pipe Fitting Basics	3	INDT 102 or CONT 106			
<sup>2,3</sup> INDT	214	Advanced Industrial Mechanics I	3	INDT 203			
INDT	233	Process Instrumentation I	3	INDT 131			
<sup>1</sup> Course required for 'Steelworker for the Future' AAS degree; Select two courses for TC degree (US Steel) <u>Electrical Emphasis</u>							
<sup>2</sup> Courses required for 'Steelworker for the Future' AAS degree; <u>Mechanical Emphasis</u>							
<sup>3</sup> Select three courses for TC degree (US Steel); <u>Mechanical Emphasis</u>							