



**Associate of Applied  
Science  
Applied Technology  
Degree Planning  
Worksheet**

Student \_\_\_\_\_  
 Location \_\_\_\_\_  
 Term of Entry \_\_\_\_\_  
 60 credit hours  
 Academic Year 2020-2021

**General Education Foundational Courses (22 credit hours)**

Course Number	Course Name	Credit Hours	Prerequisite	Term Taken or Planned	Grade
ENG 110 <sup>^</sup>	Writing I	3			
Enrolled	Exempt				
	ENG 090	College Reading and Success Strategies	2		
	ENG 099	College Writing and Success Strategies	2		
ENG 150	Essential Business and Industry Communication	3	ENG 110		
SPC 105	Interpersonal Communication	3			
PHY 150 <sup>^^</sup> and PHY 151 <sup>^^</sup>	Applied Physics and Applied Physics Lab	3 1			
<b>Choose one of the following courses:</b>					
MTH 120 <sup>^</sup> <u>or</u> MTH 150 <sup>^</sup>	Foundations of Math Applied Mathematics	3			
Enrolled	Exempt	MTH 090 supports MTH 120			
	MTH 090	Math and College Reasoning Strategies	2		
<b>Choose one of the following courses:</b>					
PSY 110	Introduction to Psychology	3			
SOC 150	Diversity in the Workplace	3			

**Applied Technology Major and Specialization Courses (38 credit hours)**

*Build your career pathway by completing all major courses and all courses with the industrial maintenance specialization to total 38 credit hours of coursework.*

**Applied Technology Major Courses (16 Credit Hours)**

Course Number	Course Name	Credit Hours	Prerequisite	Term Taken or Planned	Grade
CIS 150	Business Technology I	3			
HLT 105	CPR/AED	1			
HLT 110	First Aid	2			

IND 100*	Industrial Safety	3			
IND 120	Fundamentals of Electricity and Electronics	4			
	Free Elective**	3			
<b>Industrial Maintenance Specialization (22 Credit Hours)</b>					
CHM 110	Introduction to Chemistry	3			
IMT 105	Process Technology	3			
IMT 250	High Voltage Industrial Systems	2	IND 120		
IMT 265	PLC and Robotics	4	IND 120		
IMT 270	Maintenance Management	2			
IMT 280	Industrial Maintenance Capstone	2	IMT 250, IMT 265, IND 140		
IND 115	Metrology and Measuring Instruments	3	MTH 120 or MTH 150		
IND 140	Hydraulics and Pneumatics	3			

^See course descriptions for placement requirements.

^^Science lab courses are taken concurrently with the corresponding lecture courses or subsequently to successful completion of the corresponding lecture courses.

\*Includes a mandatory field experience

\*\*In consultation with your advisor, choose any three-credit hour course in alignment with your educational goals.