

# RELIABILITY AND MAINTENANCE TECHNOLOGY, A.A.S.

Course	Title	Hours
<b>Semester 1</b>		
COLL 101	ORIENTATION TO COLLEGE <sup>1</sup>	1
ELEC 101	ELECTRICITY & ELECTRONICS FUND	3
IM 101	INDUSTRIAL MAINTENANCE 1	3
IM 102	INDUSTRIAL MAINTENANCE 2	3
IM 103	INDUSTRIAL MAINTENANCE 3	3
Quantitative Reasoning ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr</a> ) Math 125 or Higher		3-4
MATH 125	TECHNICAL MATHEMATICS	
MATH 126	~COLLEGE ALGEBRA	
MATH 128	~COLLEGE TRIGONOMETRY	
<b>Hours</b>		<b>16-17</b>
<b>Semester 2</b>		
MTEC 102	INTRODUCTORY CRAFT SKILLS	2
IM 201	INDUSTRIAL MAINTENANCE 4	3
IM 202	INDUSTRIAL MAINTENANCE 5	3
IM 203	INDUSTRIAL MAINTENANCE 6	3
WELD 171	WELDING THEORY	1
Writing and Rhetoric ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr</a> ) (ENGL 107 Preferred)		3
<b>Hours</b>		<b>15</b>
<b>Semester 3</b>		
WELD 111	BASIC OXYACETYLENE WELDING	3
WELD 121	BASIC SHIELDED METAL ARC(SMAW)	3
PHYS 101	~INTRO TO PHYSICS 1	4
MTEC 103	INTRO TO MAINTENANCE TECH	3
Select one of the following:		3
Aesthetics, Creativity, and Appreciation ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca</a> )		
People and Their Worlds ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw</a> )		
Human Communication and Interaction ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci</a> )		
<b>Hours</b>		<b>16</b>
<b>Semester 4</b>		
Select one of the following:		3
Aesthetics, Creativity, and Appreciation ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca</a> )		
Human Communication and Interaction ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci</a> )		
People and Their Worlds ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw</a> )		
WELD 221	ADV SHIELDED METAL ARC (SMAW)	3
WELD 291	FABRICATION SHOP	3
WELD 261	STEEL FABRICATION	3
MTEC 280	CAPSTONE COURSE <sup>2</sup>	1
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>60-61</b>

<sup>1</sup> Institutional graduation requirement

<sup>2</sup> Capstone course; grade of C or better must be earned.