



Machine Repair - Automated Systems Technology Specialized Diploma (2022-2023 Catalog)

SEMESTER-BY-SEMESTER PROGRAM MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion
 Plans can be modified to fit student needs by adding more semesters
Choose your courses with your Advisor.

Developmental Education Courses (if required)			<input type="checkbox"/>	MATH020	Pre-Algebra
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy	<input type="checkbox"/>	MATH022	Elementary Algebra
<input type="checkbox"/>	ENGL027	Writing Skills Workshop	<input type="checkbox"/>	MATH026	Intermediate Algebra

	complete	Course #	Course Title	Credits	Gen Ed	Pre-requisites / Co-requisites
Semester 1	<input type="checkbox"/>	COLS101	College Success	1		
	<input type="checkbox"/>	ELTC101	Electrical Fundamentals	3		
	<input type="checkbox"/>	EMEC105	Introduction to Fluid Power	3		
	<input type="checkbox"/>	EMEC114	Mechanical Skills for the Trades	2		
	<input type="checkbox"/>	CADM117	Technical Drawings & Specifications	3		
			Total Semester Credits:		12	
Semester 2	<input type="checkbox"/>	EMEC110	Mechanical Components	3		Pre- or Coreq. - ENGG 117
	<input type="checkbox"/>	ELTC135	Electrical Motors and Controls	4		PRE: ELTC101
	<input type="checkbox"/>	EMEC140	Sensors, Wiring, and Troubleshooting	1		PRE: ELTC101
	<input type="checkbox"/>	EMEC251	Mechanical Systems	3		Pre- or coreq. - EMEC 105, 110, and 135
	<input type="checkbox"/>	OSAH101 or OSAH102**	Construction Industry Outreach Safety Education or General Industry Safety Education**	1		
			Total Semester Credits:		12	
				Total Degree Credits		24

** OSAH102 General Industry Safety Education is the recommended selection