

MHHS CAREER TECHNICAL PATHWAYS 2021-22

C40130MH	APPLIED ENGINEERING TECH – MACHINING PROCESSES CERTIFICATE	MCC Course		16hr
		ISC 112	INDUSTRIAL SAFETY	2
		MAC 121	INTRO TO CNC	2
		MAC 122	CNC TURNING	2
		MAC 124	CNC MILLING	2
		MEC 111	MACHINE PROCESSES I	3
		MEC 110	INTRO TO CAD/CAM	2
		MEC 112	MACHINE PROCESSES II	3

C40130DH	APPLIED ENGINEERING TECH MECHANICAL DESIGN CERTIFICATE	MCC Course		18hr
		BPR 111	PRINT READING	2
	Drafting I (IC61) & Drafting II-Arch (IC62) *ARTICUALTED COURSE*	DFT 119	BASIC CAD	2
		DFT 154	INTRO TO SOLID MODELING	3
		TDP 110	INTRODUCTION TO 3D PRINTING	2
		DFT 121	INTRO TO GD & T	3
		DFT 254	INTERMED SOLID MODEL/RENDER	3
		TDP 140	PRECISION 3D PRINTING	3

C40130EH	APPLIED ENGINEERING TECH MECHATRONICS CERTIFICATE	MCC Course		18hr
		ELC 131	CIRCUIT ANALYSIS I	4
		ELC 117	MOTORS AND CONTROLS	4
		ATR 112	INTRO TO AUTOMATION	3
		HYD 110	HYDRAULICS/PNEUMATICS	3
		ELN 260	PROG LOGIC CONTROLLERS	4

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C25120H3	BUSINESS ADMINISTRATION CERTIFICATE	MCC Course		<i>12hr</i>
		BUS 110	INTRODUCTION to BUSINESS	3
	<i>Entrepreneurship II (ME12)</i> *ARTICULATED COURSE*	BUS 230	SMALL BUSINESS MANAGEMENT	3
		CIS 110	INTRODUCTION to COMPUTERS	3
		BUS 137	PRINCIPLES of MANAGMENT	3

C25590H3	COMPUTER PROGRAMMING CERTIFICATE	MCC Course		<i>15hr</i>
		CIS 110	INTRODUCTION TO COMPUTERS	3
		CIS 115	INTRO TO PROGRAMMING & LOGIC	3
	BP14 Python Programming I *ARTICULATED COURSE*	CSC 121	PYTHON PROGRAMMING	3
	BP16 Python Programming II *ARTICULATED COURSE*	CSC 153	C# PROGRAMMING	3
		CTS 115	INFO SYS BUSINESS CONCEPTS	3

C55180H3	CRIMINAL JUSTICE CERTIFICATE	MCC Course		<i>15hr</i>
		CJC 111	INTRO TO CRIMINAL JUSTICE	3
		CJC 113	JUNVENILE JUSTICE	3
		CJC 121	LAW ENFORCEMENT OPERATIONS	3
		CJC 141	CORRECTIONS	3
		CIS 110	INTRODUCTION TO COMPUTERS	3

C35180H	CARPENTRY CERTIFICATE	MCC Course		<i>17hr</i>
		ARC 112	CONSTR MATLS & METHODS	4
		BPR 130	PRINT READING-CONSTRUCTION	3
	<i>Core and Sustainable Construction (IC00) & Carpentry I (IC21)</i> *ARTICULATED COURSE*	CAR 110	INTRODUCTION TO CARPENTRY	2
	IC22 Carpentry II *ARTICULATED COURSE*	CAR 111AA	CARPENTRY IA	4
		CAR 111AB	CARPENTRY IB	4

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C45380H	HUMAN SERVICES CERTIFICATE	MCC Course		12hr
		HSE 110	INTRO TO HUMAN SERVICES	3
		HSE 227	CHILDREN & ADOL IN CRISIS	3
		SAB 110	SUBSTANCE ABUSE OVERVIEW	3
		SWK 110	INTRO TO SOCIAL WORK	3

C35280H	MASONRY CERTIFICATE	MCC Course		17hr
		MAS 110AA	MASONRY IA	5
		MAS 110AB	MASONRY IB	5
		BPR 130	PRINT READING-CONSTRUCTION	3
		ARC 112	CONSTR MATLS & METHODS	4

C45400H3	MEDICAL ASSISTING CERTIFICATE	MCC Course		17hr
		BIO 163	BASIC ANAT & PHYSIOLOGY	5
	Health Sciences II (HU41) *ARTICULATED COURSE*	MED 110	ORIENTATION TO MED ASSIST	1
	Health Sciences I (HU40) *ARTICULATED COURSE for both MED 121/122*	MED 121	MEDICAL TERMINOLOGY I	3
		MED 122	MEDICAL TERMINOLOGY II	3
		MED 118	MEDICAL LAW AND ETHICS	2
		CIS 110	INTRODUCTION TO COMPUTERS	3

C45840H	NURSE AIDE			12hr
		NAS 101	NURSE AIDE I	6
		NAS 106	GERIATRIC AIDE	6

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C50420BH	BASIC WELDING CERTIFICATE			<i>18hr</i>
		WLD 110	CUTTING PROCESSES	2
		WLD 115	SMAW (stick) Plate	5
		WLD 121	GMAW (Mig) Plate	4
		WLD 131	GTAW (Tig) Plate	4
		WLD 141	SYMBOLS and SPECIFICATIONS	3

C50420IH	INTERMEDIATE WELDING CERTIFICATE			<i>18hr</i>
		WLD 116	SMAW (Stick) Plate/Pipe	4
		WLD 122	GMAW (Mig) Plate/Pipe	3
		WLD 132	GTAW (Tig) Plate/Pipe	3
		WLD 143	WELDING METALLURGY	2
		WLD 151	FABRICATION I	4
		WLD 261	CERTIFICATION PRACTICES	2

D50420H	WELDING DIPLOMA			<i>43hr</i>
		ENG 101	APPLIED COMMUNICATIONS	3
		MAT 110	MATH MEASUREMENT & LITERACY	3
		WLD 110	CUTTING PROCESSES	2
		WLD 115	SMAW (stick) Plate	5
		WLD 121	GMAW (Mig) Plate	4
		WLD 131	GTAW (Tig) Plate	4
		WLD 141	SYMBOLS and SPECIFICATIONS	3
		WLD 116	SMAW (Stick) Plate/Pipe	4
		WLD 122	GMAW (Mig) Plate/Pipe	3
		WLD 132	GTAW (Tig) Plate/Pipe	3
		WLD 143	WELDING METALLURGY	2
		WLD 151	FABRICATION I	4
		WLD 261	CERTIFICATION PRACTICES	2
		ACA 115	SUCCESS & STUDY SKILLS	1

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To receive the articulated credit, students must in enroll at MCC within two years of their high school graduation date and meet the following criteria:

- Final Grade of B or higher in the course and
- A score of 80 or higher in the standardized CTE post-assessment
- If the standardized CTE post-assessment is in a pilot phase, then MCC will use the grade in the course to award the articulated credit
- For CTE courses that do not have a CTE State Assessment a final grade of B or higher must be earned in the course to award articulated credit

High school students who enroll in a CCP pathway may earn articulated credit as described in this agreement while enrolled in high school, if the CTE articulated credit is part of their CCP pathway.

The Director of Records and Registration at Mayland will verify the eligibility and acceptance of articulated courses listed on the high school transcript. Students will be asked for supporting documentation and/or proficiency to receive credit.