



Construction Pathway with Washtenaw Community College

Ironworkers Pre-Apprenticeship Certificate: 24 Credits

Construction Technology 1 Certificate: 17 Credits

(41 Total Credits)

11 th Grade					
Fall Semester			Winter Semester		
Construction	artic. Credit	Howell HS	Construction	artic. Credit	Howell HS

Articulates to: CON 108 (2) & CON 104 (3) OSHA 10 Certificate
See your counselor for additional High School graduation requirements

12 th Grade					
Fall Semester			Winter Semester		
CMG 115	3 Credits	WCC	CON 105	3 Credits	WCC
CON 204	3 Credits	WCC			

See your counselor for additional High School graduation requirements

13 th Grade					
Fall Semester			Winter Semester		
CON 106	3 Credits	WCC	CON 193	3 Credits	WCC
CMG 145	3 Credits	WCC	CON 205	3 Credits	WCC
WAF 115	4 Credits	WCC	CON 255	3 Credits	WCC
WAF 116	4 Credits	WCC	WAF 117	4 Credits	WCC



MMC grad requirements

VPAA, 4th Math Experience, 3rd Science, 2nd Foreign Language: Construction

English: ENG 111

English: COM 101

Math: MTH 178

Math: MTH 169, MTH 176

Math: MTH 160

Math : CON 106

CON 105 3 CR Construction Framing	MTH 169 4 CR Intermediate Algebra
CON 106 3 CR Contextualized Math for the Trades	MTH 176 4 CR College Algebra
CON 194 3 CR Tools, Equip & Material Handling for trade	MTH 178 3 CR General Trigonometry
CON 204 3 CR Construction Finishes Interior	MTH 160 4 CR Basic Statistics
CON 205 3 CR Construction Finishes Exterior	ENG 111 4 CR Composition
CON 220 3 CR Con. licensing, contracts, start up	PLS 112 3 CR Inro to Am. Government
CON 230 3 CR Construction Production	CMG 115 3 CR Safety and Employability skills
CON 240 3 CR Construction Adv. Finishes & Technique	CMG 130 3 CR Construction Site Safety
CON 255 2 CR Construction concrete and Masonry	CMG 145 3 CR Construction plan reading for the Trade
CON 260 3 CR Construction Remodeling	CMG 150 3 CR Intro to Construction Mgmt
PHY 105 2 CR Conceptual Physics	CMG 170 3 CR Construction Graphics
ECO 211 3 CR Principles of Economics	CMG 180 3 CR Application of Construction Materials
BMG 207 3 CR Business Communication	CMG 200 3 CR Construction Systems
BMG 240 3 CR Human Resource Management	WAF 115 4 CR Oxy-Fuel Gas Cutting and Welding for Ironworkers
BUS 111 3 CR Business Law	WAF 116 4 CR Shielded Metal Arc Welding for Ironworkers
ACC 111 3 CR Principles of Accounting	WAF 117 4 CR Cored Arc Welding for Ironworkers
GLG 114 4 CR Physical Geology	

Italicized - May be taken online or hybrid