

Profile Chart: Bricklayer - Technical Training

Course A: TRADE FOUNDATIONS	A1 Orientation I: Structure & Scope of Bricklayer Trade Learning	A2 Trade Safety	A3 Trade Communications & Terminology	A4 Quality Assurance: Standards, Codes, & Specifications	A5 Orientation II: The Job of Journeywork	A6 Pre-IP Review
	Level: 1 Hours: 4	Level: 1 Hours: 7	Level: 1 Hours: 14	Level: 1 Hours: 7	Level: 3 Hours: 14	Level: 3 Hours: 63
Course B: TRADE MATHEMATICS, DOCUMENTS, & DESIGN	B1 Trade Mathematics (Applied Basic Skills)	B2 Intro. Masonry Design & Technical Drawing	B3 Blueprint Use I: Masonry Components & Residential	B4 Blueprint Use II: Commercial/ Industrial		
	Level: 1 Hours: 23	Level: 1 Hours: 35	Level: 2 Hours: 28	Level: 3 Hours: 21		
Course C: TOOLS, EQUIPMENT, & MATERIALS	C1 Masonry Tools & Equipment	C2: Practicum: Hand-Tool Use	C3 Materials: Brick, Block/Panel Products, & Stone	C4 Mortars, Grouts, Adhesives, & Fasteners	C5 Concrete & Reinforcement	
	Level: 1 Hours: 10	Level: 1 Hours: 14	Level: 1 Hours: 14	Level: 1 Hours: 28	Level: 2 Hours: 13	
Course D: WALL & COLUMN WORK	D1 Principles of Wall/Column Work & Structural Integrity	D2 Practicum: Bonds, Joints, & Corners	D3 Building Envelope: Moisture and Air Barriers	D4 Structural Walls & Columns	D5 Masonry Veneers & Cladding	
	Level: 1 Hours: 69	Level: 1 Hours: 62	Level 2: Hours: 20	Level: 2 Hours: 62	Level: 2 Hours: 21	
Course E: REFRACTORY WORK	E1 Principles of Refractory Work & Heat Dynamics	E2 Chimneys	E3 Fireplaces	E4 Furnaces, Kilns, & Refractory Linings		
	Level 2: Hours: 14	Level: 2 Hours: 19	Level: 3 Hours: 35	Level: 3 Hours: 21		
Course F: TRADE SPECIALTIES: ARCHES, ORNAMENT, & RESTORATION	F1 Masonry Specialties Past and Present	F2 Stonework & Stone Ornament	F3 Archwork Theory and Practice	F4 Ornamental Masonry: Paving, Glass Block, etc.	F5 Restoration Masonry: Concepts & Techniques	
	Level: 1 Hours: 7	Level 2: Hours: 34	Level: 2 Hours: 69	Level: 3 Hours: 21	Level: 3 Hours: 14	
Course G: JOBSITE APPLICATIONS	G1 Scaffolding & Access Structures n	G2 Lifting, Rigging, & Hoisting	G3 Jobsite Maintenance & Coordination			
	Level: 3 Hours: 21	Level: 3 Hours: 14	Level: 1 Hours: 7			