

## Profile Chart: Roofer - Technical Training

<b>Course A: TRADE FOUNDATIONS</b>	A1 Orientation I: Structure & Scope of Roofer Trade Learning  Level: 1      Hours: 7	A2 Trade Safety Awareness (AC Board Standard)  Level: 1      Hours: 7	A3 Orientation II: The Job of Journeywork  Level: 3      Hours: 21	A4 Certification Exam Preparation Review  Level: 3      Hours: 77
<b>Course B: TRADE MATHEMATICS, DOCUMENTS, &amp; DESIGN</b>	B1 Trade Mathematics  Level: 1      Hours: 21	B2 Intro. Roof Design & Technical Drawing  Level: 1      Hours: 21	B3 Using Roof Blueprints & Other Trade Documents  Level: 2      Hours: 35	B4 Estimating for Roof Construction Projects  Level: 3      Hours: 35
<b>Course C: TOOLS, EQUIPMENT, &amp; MATERIALS</b>	C1 Roofer Tools & Equipment: An Overview  Level: 1      Hours: 21	C2 Hot-Process, Propane- Fuelled, & Motorized Equipment  Level: 1      Hours: 35	C3 Roofing Materials & Products: An Overview  Level: 1      Hours: 14	
<b>Course D: LOW-SLOPE AND FLAT ROOF PROJECTS</b>	D1 Flat-Roof Construction Principles and Components  Level: 1      Hours: 42	D2 Practicum: Built-Up Roofing (BUR) Installation Techniques  Level: 1      Hours: 21	D3 Practicum: Membrane Installation Techniques  Level: 1      Hours: 21	
<b>Course E: SHINGLE, TILE, &amp; PRE-FORMED METAL ROOF PROJECTS</b>	E1 Steep-Roof Construction Principles & Components  Level: 2      Hours: 35	E2 Practicum: Shingled Roofwork  Level: 2      Hours: 14	E3 Practicum: Tiled Roofwork  Level: 2      Hours: 7	E4 Practicum: Preformed Metal Roofwork  Level: 2      Hours: 21
<b>Course F: MAINTENANCE, TROUBLESHOOTING &amp; OTHER SPECIALTIES</b>	F1 Maintaining & Waterproofing Roof Structures  Level: 2      Hours: 49	F2 Analyzing & Troubleshooting Roof Failures  Level: 3      Hours: 35	F3 Practicum: Roof Repair Concepts & Techniques  Level: 3      Hours: 28	
<b>Course G: JOBSITE APPLICATIONS</b>	G1 Roofer Jobsite Preparation and Inspection  Level: 2      Hours: 18	G2 Scaffolding & Roof Access Structures  Level: 2      Hours: 14	G3 Lifting, Rigging, & Hoisting  Level: 2      Hours: 17	G4 Roofer Jobsite Coordination & Maintenance  Level: 3      Hours: 14