

# SKILLS ACADEMY

## Subject Descriptions

### FIRST YEAR

#### HEALTH & NUTRITION

##### **First Aid A:**

Tools, Safety & Regulations, First Aid Kit, Choking; Asthma; Epilepsy; HIV Aids; CPR.

##### **Nutrition A:**

Biblical Perspective on Nutrition, Tools, Safety & Regulations, What your Body Truly Needs, Lifestyle vs. Weight Loss and Preventing Illness.

##### **Health Care & Basic Hygiene:**

##### **Basic Food Preparation:**

##### **Catering A:**

**R150 R30 R50**

Planning for big Groups, Preserving Food, Quick Meals, Healthy Precipices.

#### BUILDING

##### **Home Maintenance A:**

**R150 R30 R50**

This Course focuses on General Repairs & Maintenance Around the Home and Introduces the Student to Building, Carpentry, Plumbing and Electrical. We'll also look at Making a Home more Energy Efficient, Safer and Comfortable.

##### **Building A:**

**R150 R30 R50**

Shack 6hrs, Wendy House 6hrs. Different structures to live in: Mud, wood, Zinc. Understand Different Building Techniques, Design and Build a Shelter Using Various Materials & Tools. Different Types of Foundations, Reading & Drawing Plans, Concrete Mixtures, Reinforcement, Ground Preparation and Curing.

##### **Building B:**

**R150 R30 R50**

Brick Laying, Plastering, Painting, Tiling and Roofing.

##### **Renovating A:**

**R150 R30 R50**

Plastering, Painting, Tiling, Flooring & Roofing.

#### PLUMBING & ELECTRICAL

##### **Electrical A:**

**R150 R30 R50**

Sources of Electricity, Conductors & Insulators, Electrical Diagrams, Direct & Alternating Current, Measuring Electricity, Safety, 12Volt & 220Volt & 350Volt, DB Boards, Switches & Fittings and Conserving Electricity.

##### **Plumbing A:**

**R150 R30 R50**

Water Sources, Collecting & Conserving Water, Pipes & Fittings & Gutters, Drains & Sewers, Geyser Maintenance & Repair.

##### **Electrical Appliances A:**

**R150 R30 R50**

Small & Medium Appliances, Trouble Shooting & Repairs. Connecting, Maintaining & Repairing Fridges, Stoves, Pool & Water Pumps, Fans, Air-cons and Microwave Ovens.

##### **Electronics A:**

**R150 R30 R200**

Reading & Drawing Circuit Diagrams, Theory & Applications of Electronics and Types of Circuits.

#### CARPENTRY

##### **Woodwork:**

**R150 R30 R100**

Basic Chair, Table, Cupboard, minimal woodwork. Tools, Safety, Technical Drawing, Drying & Selecting Wood, History, Wood Finishing Techniques, Creative Work, Making Joints and Drilling.

##### **Metalwork:**

**R150 R30 R100**

Tools, Safety, Technical Drawing, Wirework, Cutting, Folding, Solder & Welding, Drilling and Metal Finishing Techniques.

#### MECHANICAL

##### **Auto Mechanics A:**

**R150 R30 R50**

This is a basic course on using your Vehicle for the Kingdom of God, how a car works, Safety Features, how to test the Condition of your Car, What Tools to Use and Trouble Shooting and Basic Service.

##### **Auto Mechanics B:**

**R150 R30 R50**

This is a more advanced course on fixing vehicles. Trouble Shooting, Full Service, Fixing Brakes, Working on the Engine.

#### FARMING

##### **Vegetable Farming A:**

**R150 R30 R50**

Starting from scratch to make a vegetable garden that people can live off. Also covers water source irrigation, composting, ground preparation

##### **Fruit Farming A:**

**R150 R30 R50**

Starting from scratch to make a vegetable garden that people can live off. Also covers water source irrigation, composting,

##### **Small Livestock Farming A:**

**R150 R30 R50**

Rabbits, Fish, Chickens, Geese, Starting from scratch to make a vegetable garden that people can live off. Also covers water

source irrigation, composting,

**Large Livestock Farming A:** **R150 R30 R50**

Nguni Cattle, Sheep, Goats, Starting from scratch to make a vegetable garden that people can live off. Also covers water source irrigation, composting,

**HOSPITALITY  
BUSINESS**

**Business A:** **R150 R30 R100**

How to Start your own Business, Market Analysis, Advertising, Location, Service and Employing People, Financial Accountability, Financial Services, Cash Flow, Team Management.

**Painting Business:** **150 R30 R50**

Painting with Different Materials & Paints on Various Surfaces. Planning, Choosing Colours, Painting Techniques and Cleaning

**COMPUTERS**

**Computer Literacy A:** **R150 R30**

Basics of Computers & Software & Naming Hardware, Windows and Microsoft Office Basics.

**Computer Literacy B:** **R150 R30**

Advanced Microsoft Office, Software and Hardware Trouble Shooting.

**SEWING & UPHOLSTRY**

**Making Basic Clothes A:** **R150 R30**

Basic, No Styles. Cloth folded and cut like raincoat from black bag

**SECOND YEAR**

**CRAFTS**

**Jewelry Making A:** **R150 R30**

Basic, No Styles. Cloth folded and cut like raincoat from black bag

**Roofing & Ceilings A:** **R150 R30 R50**

Reading & Drawing Plans, Roof & Ceiling Designs, Roofing Materials, Fixing, Finishing and Painting, Insulation, Ventilation & Waterproofing.

**Farming A:** **R150 R30 R50**

Vegetable Gardening & Fruit Trees, Keeping Poultry, Livestock, Planning & Maintaining Irrigation, Grazing Camps & Fences.

**Gardening A:** **R150 R30 R50**

Design & Landscaping, Tree, Shrub & Lawn Care, & Pool care.

**Building Syllabus**

Brick & Block Types, Reading & Drawing Plans, Brick Laying Patterns, Planning Doors, Windows, Vents & Corners, Mixing Mortar, Cutting, Fitting, Finishing & Curing, Mixing Plaster, Plastering Techniques, Finishing Techniques and Curing.

**Painting & Tiling A:** **150 R30 R50**

Painting with Different Materials & Paints on Various Surfaces. Planning, Choosing Colours, Painting Techniques and Cleaning up. Selecting Tile Types & Colours, Buying Tiles, Cement, Grout, Spacers & Extras, Plan a Layout and Prepare Surfaces, Cutting & Laying Tiles, Wall & Floor Techniques, Grouting, Finishing & Repairs.