

## Certificate courses

### 1. Basic Technician Certificate in Forest Industries Technology (NTA 4)

#### Entry requirements

Applicant should have Ordinary level Secondary School Education with at least D in either two of the following subjects: Biology, Chemistry Geography or Physics. Also should have at least D in two non-religious subjects. Applicants who passed either English Language or Basic Mathematics is an added advantage.

#### Modules taught

<b>Modules for semester 1</b>			
<b>Module name</b>	<b>Type of module</b>	<b>Mode code</b>	<b>Credit hours</b>
Computer Application	Fundamental	FIT 04101	12.0
English and Communication Skills	Fundamental	FIT 04102	9.0
Control of HIV/AIDS	Fundamental	FIT 04103	3.0
Applied Mathematics in Forestry	Fundamental	FIT 04104	9.0
First Aid in Forestry	Fundamental	FIT 04105	6.0
Record Keeping in Forestry	Fundamental	FIT 04106	3.0
Safety and Ergonomics in Forestry	Fundamental	FIT 04107	9.0
Introduction to Seed Technology	Core	FIT 04108	9.0
<b>Total</b>			<b>60.0</b>

<b>Modules for semester 2</b>			
<b>Module name</b>	<b>Type of module</b>	<b>Mode code</b>	<b>Credit hours</b>
Tree Nursery Operations	Core	FIT 04201	12.0
Tree Tending Operations	Core	FIT 04202	12.0
Timber Harvesting	Core	FIT 04203	15.0
Timber Transportation	Core	FIT 04204	12.0
Technical Drawing in Woodworking	Fundamental	FIT 04205	9.0
Introduction to Forest Industries	Fundamental	FIT 04205	6.0
<b>Total</b>			<b>60.0</b>

## 2. Technician Certificate in Forest Industries Technology (NTA 5)

### Entry requirements

Applicant should have successfully completed NTA 4 in Forest Industries Technology or field related to forestry. For form six leavers, should have at least one principle or two subsidiary in science subjects.

### Modules taught

<b>Modules for semester 1</b>			
<b>Module name</b>	<b>Type of module</b>	<b>Mode code</b>	<b>Credit hours</b>
Circular Saw Maintenance	Core	FIT 05101	12.0
Band and Frame Saw Maintenance	Core	FIT 05102	9.0
Sawmilling Processes	Core	FIT 05103	15.0
Timber Seasoning	Core	FIT 05104	9.0
Timber Grading	Core	FIT 05105	9.0
Entrepreneurship and Employability Skills	Fundamental	FIT 05106	6.0
<b>Total</b>			<b>60.0</b>

### Modules taught

<b>Modules for semester 2</b>			
<b>Module name</b>	<b>Type of module</b>	<b>Mode code</b>	<b>Credit hours</b>
Wood By-products and Charcoal Production	Core	FIT 05201	9.0
Timber Preservation	Core	FIT 05202	9.0
Forest Protection	Core	FIT 05203	12.0
Carpentry and Joinery	Core	FIT 05204	15.0
Field Attachment	Core	FIT 05205	15.0
<b>Total</b>			<b>60.0</b>

## Diploma course

### Ordinary Diploma in Forest Industries Technology (NTA 6)

#### Entry requirements

Applicant should have successfully completed NTA 5 in Forest Industries Technology or Mechanical Wood Industries.

#### Modules taught

<b>Modules for semester 1</b>			
<b>Module name</b>	<b>Type of module</b>	<b>Module code</b>	<b>Credit hours</b>
Introduction to Forestry	Fundamental	FIT 06101	6.0
Information and Communication Technology	Fundamental	FIT 06102	6.0
Introduction to Statistics	Fundamental	FIT 06103	6.0
Research Methods	Fundamental	FIT 06104	6.0
Silviculture	Core	FIT 06105	12.0
Marketing of Forest Products	Fundamental	FIT 06106	9.0
Wood Properties and Utilization	Core	FIT 06107	9.0
Climate Change and Mitigation	Fundamental	FIT 06108	6.0
<b>Total</b>			<b>60.0</b>

<b>Modules for semester 2</b>			
<b>Module name</b>	<b>Type of module</b>	<b>Module code</b>	<b>Credit hours</b>
Production Management	Fundamental	FIT 06201	9.0
Entrepreneurship and Innovation	Fundamental	FIT 06202	6.0
Forest Products Inspection	Core	FIT 06203	6.0
Wood-based Panel Technology	Core	FIT 06204	9.0
Forest Resource Assessment	Core	FIT 06205	12.0
Logging	Core	FIT 06206	9.0
Special Project (SP)	Core	FIT 06207	9.0
<b>Total</b>			<b>60.0</b>