

## Short Courses

Short courses offered at FITI:

Short course	Target group	Objectives at participation level	Number of participants and fee				Duration (wks)
			Number	Cost per participant (TZS)	Number	Cost per participant (TZS)	
Band Saw Maintenance	Saw-doctors, sawmill supervisors, sawmill operators and others involved in managing sawmill or saw shop operations	<ul style="list-style-type: none"> <li>To develop skills necessary for correctly maintaining band saws</li> <li>To expose participants to variety of techniques of maintaining band saw which later choose the specific one</li> <li>To develop the monitoring skills essential for a user</li> </ul>	1 – 9	600,000	10 – 20	400,000	2
Circular Saw Maintenance	Saw-doctors, sawmill supervisors, sawmill operators and others involved in managing sawmill or saw shop operations	<ul style="list-style-type: none"> <li>To develop skills necessary for correctly maintaining circular saws</li> <li>To expose participants to variety of techniques of maintaining circular saw which later choose the specific one</li> <li>To develop the monitoring skills essential for a user</li> </ul>	1 – 9	600,000	10 – 20	400,000	2
Timber Harvesting and Chainsaw Maintenance	Chainsaw operators and others involved in logging operations	<ul style="list-style-type: none"> <li>To develop skills necessary for correct tree felling</li> <li>To expose participants to techniques of</li> </ul>	1 – 9	600,000	10 – 20	400,000	2

		<p>timber harvesting which later choose the specific technique</p> <ul style="list-style-type: none"> <li>To develop skills in operating and maintaining chainsaw</li> </ul>					
Logging costs Computation and Control	Logging supervisors and managers	<ul style="list-style-type: none"> <li>To develop skills for controlling production operations</li> <li>To develop skills for production cost computation</li> </ul>	1 – 9	400,000	10 – 20	200,000	1
Timber Grading and Inspection	Timber dealers, exporters, inspectors and foresters working in forest sector	<ul style="list-style-type: none"> <li>To develop skills to grade timber</li> <li>To develop skills to inspect forest produce</li> <li>To develop skills to verify custom documents in timber trade</li> <li>To expose participants to timber trade procedures within the country</li> <li>To expose participants to international timber trade procedures</li> </ul>	1 – 9	900,000	10 – 20	800,000	4
Timber Volume Computation and Record keeping	Timber clerks and timber sellers	<ul style="list-style-type: none"> <li>To develop knowledge to compute volume of logs and poles</li> <li>To develop knowledge to compute volume of sawn timber</li> <li>To develop skills to keep and maintain timber records</li> </ul>	1 – 9	200,000	10 – 20	100,000	<b>3 days</b>

Timber Drying and Storage	Sawmill operators, timber clerks and timber sellers	<ul style="list-style-type: none"> <li>• To develop knowledge on selecting area suitable for timber seasoning</li> <li>• To develop skills to prepare foundation</li> <li>• To develop skills to prepare stickers for stacking</li> <li>• To develop skills to measure moisture content of wood</li> <li>• To expose participants to seasoning techniques</li> </ul>	1 – 9	400,000	10 – 20	300,000	2
Sawmilling Management	Sawmill managers and supervisor	<ul style="list-style-type: none"> <li>• To develop skills to plan sawmill operations</li> <li>• To develop skills to organize resources required for production activities</li> <li>• To develop skills to plan and supervise sawmill machine maintenance schedule</li> <li>• To develop skills to improve recovery rate</li> <li>• To develop skills on sales of sawmill products</li> </ul>	1 – 9	200,000	10 – 20	100,000	1
Sawmilling Operations	Sawmill supervisors and machines operators	<ul style="list-style-type: none"> <li>• To develop skills to scale logs</li> <li>• To develop skills to saw logs</li> <li>• To develop skills to</li> </ul>	1 – 9	400,000	10 – 20	300,000	3

		<p>operate sawmill machines</p> <ul style="list-style-type: none"> <li>• To develop skills to maintain sawmill machines</li> <li>• To expose participants on techniques for maximizing utilization of wood products</li> </ul>					
Carpentry	Woodworking supervisors and carpenters	<ul style="list-style-type: none"> <li>• To develop skills to sketch carpentry works</li> <li>• To develop skills to prepare item materials cutting list</li> <li>• To develop skills to operate carpentry machines</li> <li>• To develop skills to maintain carpentry machines</li> <li>• To develop skills to select suitable timber for carpentry works</li> <li>• To develop skills to make furniture</li> <li>• To develop skills to finish furniture</li> </ul>	1 – 9	600,000	10 – 20	400,000	2

Beehives Making	Carpentry supervisors and carpenters	<ul style="list-style-type: none"> <li>• To develop skills to prepare beehives materials cutting list</li> <li>• To develop skills to select suitable timber species for beehives making</li> <li>• To develop skills to make beehives</li> <li>• To develop skills to treat beehives to attract bee colon</li> <li>• To expose participants to techniques for designing beehives</li> <li>• To expose participants to techniques for making beehives</li> </ul>	1 – 9	600,000	10 – 20	400,000	2
Forest Fire Prevention and Fighting	Forest fire fighting crew and supervisors	<ul style="list-style-type: none"> <li>• To develop skills to prepare fire lines</li> <li>• To develop skills to detect forest fire</li> <li>• To develop skills to fight forest fire</li> <li>• To expose skills for maintain tools and equipment for fighting forest fire</li> <li>• To develop skills to write forest fire report</li> </ul>	1 – 9	400,000	10 – 20	200,000	1