

## **Forest Technology (03.0511)**

### **Overview**

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### **Program Description**

The Forest Technology program prepares students to produce, protect, and manage timber; maintain and operate related equipment; and select, grade, harvest, and market forest raw materials for converting into a variety of consumer goods.

Graduates who earn credentials in this program work in the outdoors conducting forest inventory, forest health surveys, timber sale administration, reforestation, wildlife surveys, map and compass navigation, and forest fire fighting.

### **Student Learning Outcomes**

1. Manage forests for a particular species of wildlife.
2. Select, grade, harvest, and market forest products.
3. Plan a timber harvest, explaining flow, equipment, and appropriate steps to follow.
4. Display knowledge of industry opportunities, forestry products, and the history of forestry.
5. Successfully complete the Louisiana Prescribed Burner Certification Program.

### **Diploma**

TD – Forest Technology

### **Exit Points**

**CTC – Forest Safety and Site Assistant**

**CTS – Forest Technician Site Assistant**

**CTS – Forest Harvesting & Planting Assistant**

### **Program Curriculum**

Curriculum

<b>Subject Code</b>	<b>Course Number</b>	<b>Course Title</b>	<b>Lecture Hours</b>	<b>Lab Hours</b>	<b>Contact Hours</b>	<b>Credit Hours</b>
<b>First Semester</b>						
<b>ORNT</b>	<b>1000</b>	<b>Freshman Orientation</b>	<b>1</b>	<b>0</b>	<b>15</b>	<b>1</b>
<b>FRTY</b>	<b>1111</b>	<b>Introduction to Forest Technology</b>	<b>1</b>	<b>1</b>	<b>45</b>	<b>2</b>
<b>FRTY</b>	<b>2510</b>	<b>Forest Insects &amp; Disease</b>	<b>1</b>	<b>1</b>	<b>45</b>	<b>2</b>
<b>FRTY</b>	<b>2411</b>	<b>Forest Products and Timber Harvesting</b>	<b>2</b>	<b>2</b>	<b>90</b>	<b>4</b>
<b>CTC – Forest Safety and Site Assistant</b>					<b>195</b>	<b>9</b>
<b>FRTY</b>	<b>2520</b>	<b>Forest Mensuration 1</b>	<b>2</b>	<b>1</b>	<b>60</b>	<b>3</b>
<b>FRTY</b>	<b>1230</b>	<b>Biology of Forest Plants</b>	<b>2</b>	<b>1</b>	<b>60</b>	<b>3</b>
<b>CTS – Forest Technician Site Assistant</b>					<b>315</b>	<b>15</b>
<b>Second Semester</b>						
<b>FRTY</b>	<b>2720</b>	<b>Wildlife Habitat Ecology &amp; Game Management</b>	<b>1</b>	<b>1</b>	<b>45</b>	<b>2</b>
<b>FRTY</b>	<b>1311</b>	<b>Silviculture 1</b>	<b>2</b>	<b>1</b>	<b>60</b>	<b>3</b>
<b>FRTY</b>	<b>1000</b>	<b>Forest &amp; Construction Equipment Lab</b>	<b>0</b>	<b>2</b>	<b>60</b>	<b>2</b>
<b>JOBS</b>	<b>2450</b>	<b>Job Seeking Skills</b>	<b>2</b>	<b>0</b>	<b>30</b>	<b>2</b>
<b>CPTR</b>	<b>1000</b>	<b>Introduction to Computers</b>	<b>1</b>	<b>1</b>	<b>45</b>	<b>2</b>
<b>FRTY</b>	<b>2310</b>	<b>Introduction for Forest Surveying and Geographic Information Systems</b>	<b>1</b>	<b>3</b>	<b>105</b>	<b>4</b>
<b>CTS – Forest Harvesting &amp; Planting Assistant</b>					<b>660</b>	<b>30</b>
<b>Third Semester</b>						

<b>FRTY</b>	<b>2710</b>	<b>Prescribed Burning &amp; Wildfire Control</b>	<b>2</b>	<b>2</b>	<b>90</b>	<b>4</b>
<b>FRTY</b>	<b>2610</b>	<b>Forest Mensuration II</b>	<b>1</b>	<b>3</b>	<b>105</b>	<b>4</b>
<b>FRTY</b>	<b>1315</b>	<b>Silviculture II</b>	<b>1</b>	<b>2</b>	<b>75</b>	<b>3</b>
<b>FRTY</b>	<b>1120</b>	<b>Dendrology</b>	<b>1</b>	<b>3</b>	<b>105</b>	<b>4</b>
<b>Technical Diploma – FOREST TECHNOLOGY</b>					<b>1035</b>	<b>45</b>