



2020
JUMP START!
20
CONVENTION

MODERN PATHWAYS to a PROSPEROUS FUTURE

 DEPARTMENT of
EDUCATION
Louisiana Believes

JANUARY 28, 2020
RAISING CANE'S RIVER CENTER
BATON ROUGE, LA

 @JUMPSTART4LA



Jumpstart Summers:
Forestry Credential



Jumpstart Summer: Partnership
Between Industry and High School

Jumpstart Summer: Partnership Between Industry and High School

- Who needs a skilled workforce? (Industry)
- What does it take? (Prerequisites)
- What does it look like? (Curriculum)
- Who can help? (Partnerships)

Jumpstart Summer: Partnership Between Industry and High School

- High Wage, High Demand
- Prerequisites
- Curriculum
- Partnerships

Forestry Industry

- \$11 billion economic impact (2017)
- 14 million acres (50% of LA landmass)
- 45,611 total forestry jobs (2016)
 - Nearly $\frac{1}{3}$ are manufacturing jobs

**Sources: Louisiana Forestry Association, Louisiana Dept. of Agriculture and Forestry, LSU AgCenter and the La. Dept. of Labor.

School/Program Prerequisites

- Active FFA Chapter, in good standing
- Agriculture Teacher
 - Certified in Agritechnology and Forestry
- Offer Ag I, Ag II, Ag III, and Forestry Courses

Ag I Curriculum

- Introduction to Agriculture
- Agricultural Leadership/FFA
- Animal Science
- Soil Science
- Plant Science
- Food Science and Technology
- Agricultural Mechanics

Ag II Curriculum

- Personal Career Development
- Developing the Supervised Agricultural Experience (SAE) Program
- Agricultural Leadership
- Animal Science
- Soil Science
- Agricultural and Environmental Science
- Entomology
- Plant Science
- Agricultural Mechanics

Ag III Curriculum

- Leadership/Management Skills
- Employability and Career Development
- Record Keeping Skills
- Business Models/Marketing
- Metal Working Skills/Designing and Fabricating
- Constructing Buildings and Facilities
- Internal Combustion Engines
- Greenhouse/Plant Production
- Animal Production
- Wildlife Management

Forestry Curriculum

- Forest Ecology and Wildlife Habitat
- Tree Study
- Land and Product Measurement
- Silvicultural Practices
- Harvesting and Reforestation
- Fire in the Forest
- Insects/Diseases
- Job Seeking Skills
- Forest Products

Student Prerequisites

- Ag I
- Ag II
- Ag III
- Forestry (1 credit)*

*Must be completed before graduation

Forestry Credential Prerequisites

- Ag Systems (after Ag I)
- Agritechnology (after Ag III)



English Chestnut
Oak
Weathered Oak

Oak



Tree Sample

Industry Tours/Weyerhaeuser Visit

- Louisiana Forestry Association
- US Forestry Service
- Weyerhaeuser

Weyerhaeuser's Involvement Year Round

- Industry Tours
- Financial Support
 - Grants
 - Materials for FFA events