

Agriculture

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Agricultural Mechanics & Technology

Prerequisite: Agricultural Science & Technology
Grades: 10-11
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You'll learn about agricultural occupations as you learn more about FFA and how it supports industries.

You'll get an overview of topics covered in detail in Horticulture and Forestry so you can decide if you want to take any of these courses.

You'll also study and use the new technology in agricultural fields and do experiments with technology.

Agricultural Science & Technology

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You'll get a general introduction to agriculture in this course.

You'll study about the FFA, basic plant and livestock enterprises and practices, soils and soil conservation principles, shop safety, and hand and small power tools.

Agriculture, Food & Natural Resources Work-Based Credit

(see Co-op for details)
Prerequisite: Senior enrolled in final level of an occupational program
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You'll put your Agriculture, Food & Natural Resources course in action as you get on-the-job training. See your guidance counselor and Page 15 sidebar for details.

Forestry

Prerequisite: Agricultural Science & Technology
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

If you're preparing for a job harvesting timber, you should sign up for Forestry.

You'll study harvesting practices used to get the tree from the woods to the paper mill or lumber company. You'll build skills in the operation of mechanized harvesting equipment and its maintenance.

Horticulture Introduction

Prerequisite: Agricultural Science & Technology (at Andrew Jackson and Buford)
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You'll study house plants, fruit crops, landscaping and greenhouses.

You'll learn plant identification, fertilization, soil medium and planting and propagating plants for home use and resale. You'll study setting up and operating a greenhouse and caring for, preparing and selling plants.

Landscape Technology

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land

You'll learn to design and draw house plans and horticultural designs for yards.

You'll study the basics of engineering, drawing and blueprint reading required for an architect to draw plans contractors use to build homes.

You'll focus on producing construction drawings using a computer and specialized architectural software.

You'll get excellent preparation for your education

after high school in engineering, architecture, construction, interior design or if you only want to know how to begin planning your dream house.

Nursery, Greenhouse & Garden Center Technology

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Indian Land

You'll gain knowledge and understanding of the importance of establishing, maintaining and managing "green industry" enterprises.

You'll have hands-on experiences with propagating, growing, establishing and maintaining nursery plants and greenhouse crops; designing landscapes; preparing designs; taking part in personal and community leadership development activities; planning and implementing a relevant school-to-work-transition experience; and taking part in FFA activities.

You'll also learn tissue culture, sales analysis and management techniques.

Outdoor Recreation

Prerequisite: Agriculture Science & Technology
Grades: 10-12
Credit: 1 unit
Offered: Buford

You'll study in-depth principles involved in outdoor safety, planning outdoor recreational activities, designing parks and special-use areas and outdoor recreational resources on public lands.

Your activities will include studying hunter and boater education, ATV safety, survival and first aid techniques, and personal and community leadership development projects.

Turf & Lawn Management

Prerequisite: Agricultural Science & Technology
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford

You'll be introduced to the technical knowledge and skills for entry-level positions in the turfgrass industry. You'll study principles and practices involved in establishing, managing and maintaining grassed areas for ornamental and/or recreational purposes.

Typical hands-on activities include analyzing problems and developing site plans for golf course; commercial, church and home lawns; establishing, fertilizing, irrigating and controlling pests in grassed areas; operating and maintaining machinery and equipment; taking part in personal community leadership development activities; planning and implementing a school-to-work transition experience; and taking part in FFA activities.

Wildlife Management

Prerequisite: Agriculture Science & Technology
Grades: 11-12
Credit: 1 unit
Offered: Buford

You'll get technical knowledge and skills for entry-level positions in the wildlife conservation and/or management of wildlife enterprises.

You'll learn basic ecological concepts and study wildlife and fish species, laws and regulations and other skills related to wildlife management.

You'll also complete a supervised project like ones professionals do.