

Academy Career Connections – ACME

Agriculture—ACME

Academies Career Connections: agricultural-related businesses, farming programs, government agencies, veterinarian studies

Agricultural Scientists: animal scientist, soil conservation scientist, dairy scientist, forester, horticulturist, park naturalist, poultry scientist

Helpful high school courses: agri courses, biology, environmental science, zoology, English, math

Agricultural-related: business, machinery industry, mechanic, welder

Helpful high school courses: metals I & II; accounting, math, English

Farm & forestry: animal caretaker, conservation worker, farm management, farm worker, forestry, grounds keeping, horticulture, logger, nursery worker, poultry farmer

Helpful high school courses: any of the agriculture course offerings; business, math

Industrial—ACME Academy

Career connections: computer programming, repair, systems analyst; jobs in industry, business and service industries

Production workers: assembler, inspector, boilermaker, machinist, tool & die maker, bookbinder, photoengraver, upholster, woodworker, welder

Helpful high school courses: industrial arts, metals I, II; math, English

Transportation workers: bus driver, taxi driver, truck driver, able seaman, operating engineer

Helpful high school courses: drivers education, math, English, business courses

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Mechanical—ACME Academy

Construction worker: bricklayer, carpenter, carpet installer, concrete mason, drywall installer, electrician, highway maintenance worker, painter, paperhanger, plasterer, plumber, pipe fitter, roofer, structural metal work

Helpful high school courses: furniture manufacturing I & II, Drafting & Design, Architecture/CADD I/II, metals I, II; English, math

Engineers & architects: architect, landscape architect, surveyor, engineering fields: aerospace, ceramic, chemical, civil, electrical, electronic, industrial, mechanical, metallurgical, mining, petroleum

Helpful high school courses: furniture manufacturing I & II, Drafting & Design, Architecture/CADD I/II, all CT Concept courses; English, math, physics, Project Lead the Way

Mechanics & repairers: air conditioning service, aircraft mechanic, automotive mechanic, automotive body service, diesel mechanic, maintenance; industrial machinery maintenance

Helpful high school courses: industrial arts, metals I, II, CT Concept courses, math, English, small engines, physics

Scientific— ACME Academies

Life scientists: agricultural scientist, aquatic biologist, biologist, biochemist, botanist, microbiologist, physiologist, zoologist, ecologist, medical scientist, food scientist, conservation scientist, park naturalist

Helpful high school courses: biology, AP biology, environmental science, AP environmental science, zoology, botany, chemistry, Algebra II, English, food science

Mathematicians & Computer scientists: actuary, computer engineer, computer programmer, computer research analyst, computer systems analyst, system analyst, computer scientist, statistician, mathematician, operations research analyst

Helpful high school courses: chemistry, physics, trigonometry, calculus, AP calculus, all CT concept courses, English, statistics

Physical scientists: astronomer, chemist, climatologist, environmental analyst, geographer, geophysicist, hydrologist, meteorologist, mineralogist, oceanographer, paleontologist, physicist, seismologist, soils engineer, stratigrapher

Helpful high school courses: biology, environmental science, AP environmental science, chemistry, AP chemistry, physics, zoology, botany, advanced math, English