

Career Technical and Agricultural Education (CTAE) Pathways 2026-2027



Agriculture

Forestry and Animal Science Systems

Basic Agricultural Science
Forest Science*
Animal Science and Biotechnology*

Horticulture and Animal Systems

Basic Agricultural Science
General Horticulture and Plant Science*
Animal Science and Biotechnology*

Horticulture and Forest Science

Basic Agricultural Science
Forest Science*
General Horticulture and Plant Science*

Veterinary Science

Basic Agricultural Science
Animal Science and Biotechnology*
Veterinary Science

Construction

Carpentry

Industry Fundamentals and Occupational Safety
Introduction to Construction
Carpentry I

Electrical +

Industry Fundamentals and Occupational Safety
Introduction to Construction
Electrical I

Fine Furniture/Cabinetmaking

Fine Furniture/Cabinetmaking I
Fine Furniture/Cabinetmaking II
Fine Furniture/Cabinetmaking III

Heavy Equipment

Industry Fundamentals and Occupational Safety
Introduction to Heavy Equipment
Heavy Equipment Operation I

Plumbing

Industry Fundamentals and Occupational Safety
Introduction to Construction
Plumbing I

Welding ++

Industry Fundamentals and Occupational Safety
Introduction to Metals
Welding I

Arts, Entertainment, & Design

Audio-Video Technology and Film +++

Audio-Video Technology and Film I
Audio-Video Technology and Film II
Audio-Video Technology and Film III

Education

Teaching as a Profession

Examining the Teaching Profession
Contemporary Issues in Education
Teaching as a Profession

Healthcare

General Medicine

Introduction to Healthcare Science
Essentials of Healthcare**
General Medicine

Nursing

Introduction to Healthcare Science
Essentials of Healthcare**
Nursing

Pharmacy

Introduction to Healthcare Science
Essentials of Healthcare**
Pharmacy Operations and Fundamentals

Sports Medicine

Introduction to Healthcare Science
Essentials of Healthcare**
Sports Medicine*