

Cook High School – Clusters & Pathways 2015-16

Agriculture, Food, and Natural Resources Cluster

Pathway - Plant and Landscape Systems– Focuses on plant science, horticulture, landscaping and turf management.

Basic Agricultural Science 02.47100	General Horticulture & Plant Science – <i>counts as 4th science</i> 01.46100	Nursery and Landscape 01.47000
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Food Animal Systems– Deals with health and breeding of livestock, poultry, and possible domestic animals.

Basic Agricultural Science 02.47100	Animal Science Technology/Biotechnology *counts as 4 th science - 02.42100	Agriculture Animal Production & Management 01.43200
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Agricultural Mechanics Systems – Emphasis is on machine and equipment maintenance, welding, small engine repair.

Basic Agricultural Science 02.47100	Agricultural Mechanics 1 01.42100	Agricultural Mechanics II 01.42200
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Agricultural Mechanics and Metal Fabrication – Emphasis on industrial welding

Basic Agricultural Science 02.47100	Agricultural Mechanics 1 01.42100	Ag Metal Fabrication (<i>dual enrollment Course with Wiregrass Technical College</i>) 01.42400
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Horticulture/Mechanics Systems - Combines study of plant systems and mechanical systems.

Basic Agricultural Science 02.47100	General Horticulture & Plant Science – <i>counts as 4th science</i> 01.46100	Agricultural Mechanics 1 01.42100
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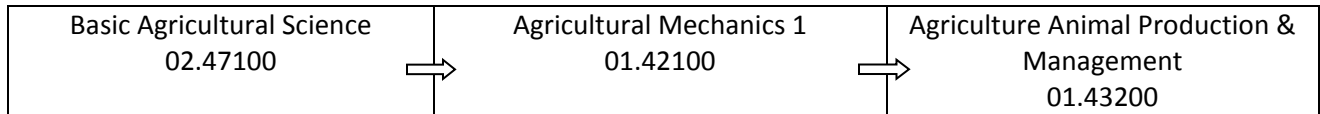
Plant/Mechanical Systems – Combines study of mechanical systems with science of plants

Basic Agricultural Science 02.47100	Agricultural Mechanics 1 01.42100	Plant Science & Biotechnology Peanut
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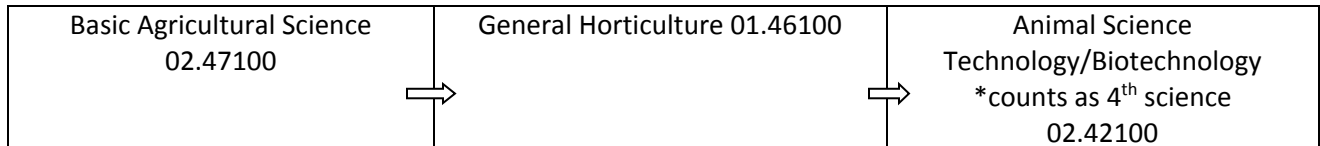
Agriscience Systems – Provides a basic study of major scientific areas of agriculture

Basic Agricultural Science 02.47100	Animal Science and Biotechnology* counts as 4 th science - 02.42100	Plant Science & Biotechnology 02.44100
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Animal/Mechanical Systems

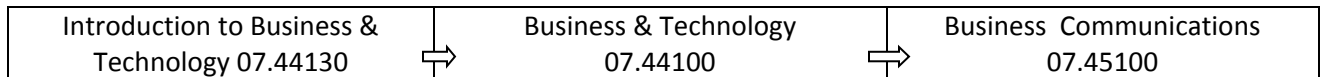


Horticulture/Animal Systems



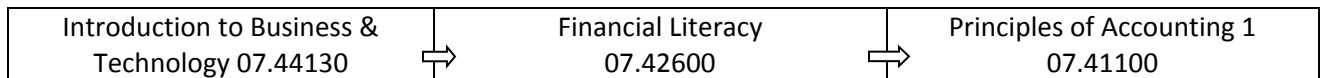
Business, Management and Administration

Business & Technology – Focuses on computer, business, and leadership skills. Students learn how to plan, organize, and direct various business functions.



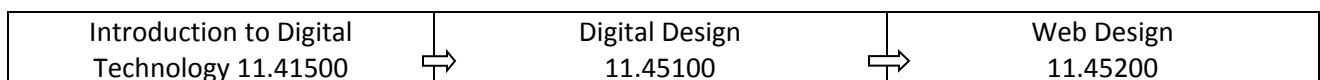
Finance

Business Accounting – Instructs students in financial concepts and basic accounting principles



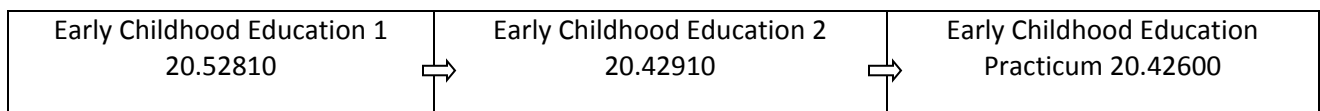
Information Technology

Web and Digital Design – Exposes students to various forms of technology and its uses in today's business environment. Pathway completers will be able to build web sites and incorporate digital media elements



Education

Early Childhood Education – Studies developmental levels of children and processes for working in pre-school and elementary environments



Health Science

Therapeutic Services – Patient Care – Focuses on a study of healthcare systems, technical skills for healthcare, and prepares students to enter the profession as a certified nurse assistant

Introduction to Healthcare 25.52100	Essentials of Healthcare 25.44000 <i>*Successful students also earn 1 credit for Human Anatomy and Physiology</i>	Patient Care Fundamentals <i>*dual enrollment course with Wiregrass Technical College</i> 25.43600
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Therapeutic Services – Allied Health – Prepares students for further study in supportive medical careers such as dental, imaging, laboratory assisting, etc.

Introduction to Healthcare 25.52100	Essentials of Healthcare 25.44000 <i>*Successful students also earn 1 credit for Human Anatomy and Physiology</i>	Allied Health and Medicine 25.43700
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Science, Technology, Engineering, and Math

Engineering & Technology – Involves studying past, present, and future technological systems and designing products to solve specific problems incorporating science, math, and engineering concepts

Foundations of Engineering & Technology 21.42500	Engineering Concepts 21.47100	Engineering Applications 21.47200
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Fine Arts - Pathways

3 credits in Visual Arts	3 credits in Chorus	3 credits in Band	3 credits in Drama	3 credits in Journalism
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World Languages Pathways

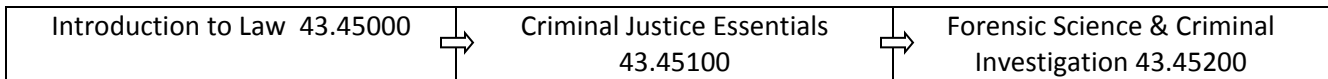
Spanish 1, 2, and 3 (currently 3 is only via on-line)	Three courses in other language (currently on-line)
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Advanced Academic Pathways

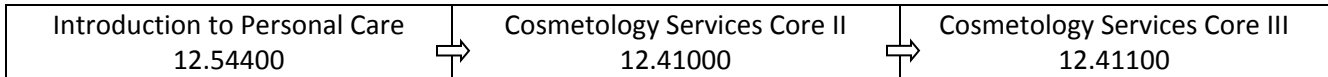
English - Take 4 courses in English – 1 AP or Dual Enrollment	Math – Take 4 courses in Math – 1 AP or Dual Enrollment	Science – Take 4 courses in Math – 1 AP or Dual Enrollment	Social Studies – Take 4 courses in Social Studies – 1 AP or Dual Enrollment
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Dual Enrollment Pathways for 2015-16 (thru Wiregrass Technical College)

Law, Public Safety, Corrections & Security Cluster – Forensic Science Pathway



Human Services Cluster – Personal Care Services - Cosmetology Pathway



Architecture & Construction Cluster – Heating, Ventilation, Air Conditioning, and Refrigeration Pathway

