



# Honoka'a High & Intermediate School

## Academy of Public Service: Agriculture, Food, and Natural Resource

SUBJECT	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
LANGUAGE ARTS	English I	English II	English III*	English IV*
MATH	Algebra I	Geometry	Algebra II*	Trigonometry/PreCalculus*
SCIENCE	Chemistry	Physics	Biology	Integrated Science*
SOCIAL STUDIES	Modern History of Hawaii/ Participation in Democracy	World History	US History	Economics/Geography*
CTE COURSES	Foundations of AFNR	Principles of Food Production 1	Principles of Food Production 2	Principles of Food Production 3 / APF WBL
PE/HEALTH 9 ELECTIVES 10-12	Health/PE Fitness	Elective	Elective	Elective
ELECTIVES (1 PER YEAR)	•Physics • Early College Courses • Music, Art • Drama • Fashion Design • World Languages • Yearbook • PE Courses • CTE Courses • College Prep Skills • AP Courses			

\* Denotes course substitutions available. See course handbook for full course offerings.

### Career and Technical Student Organization

[Hawaii FFA](#)

### College and Career Continuum of Experiences

College Research, College Counseling, Service/Community Learning, Pathway Speakers, College Visits, Personal Statement, ACT, College Fair, College Application/FAFSA/Scholarship Nights and Completion, Senior Capstone, Digital Portfolio, Career Research, Career Fair, Employability Assessment, Professional Certification, Career Field Trip, Mock Interviews, Financial Reality Fair

### Available Industry Certification

•OSHA 10 Automotive (9th)

### Available Early College Courses

ENG 100 • Biology 101 • HWST 100 • HWST 101 • HWST 104 • HWST 105 • PSY 100 • SOC 100 • ASTRO 110 • Math 100 • SPCO 151 • Medical Terminology

### Post-Secondary Opportunities

**Hawaii CC** [Agriculture](#) • Certificate of Achievement (CA) • Associate in Applied Science Degree (AAS) • Farm Worker (CO) • Landscape Worker (CO) **Windward CC** [Agriopharmatec](#) • Certificate in Achievement (CA) Agriculture Technology • Certificate of Competence (CO) – Agriculture Technology; Plant Landscaping Natural Science • Associate of Science (AS) – Biological Sciences • Associate of Science (AS) – Physical Science **Kauai CC** [Natural Science](#) • Associate of Science (AS) – Biological Sciences • Associate of Science (AS) – Physical Science [Plant Biology and Tropical Agriculture](#) • Associate in Science (AS) • Associate of Arts (AA) • Certificate of Achievement (CA) • Certificate of Competence (CO) **Leeward CC** [Sustainable Agriculture](#) • Associate in Science (AS) • Certificate of Achievement (CA) • Certificate of Competence (CO) • Academic Subject Certificate **Maui College** [Agriculture & Natural Resources](#) • Associate in Applied Science (AAS) • Certificate of Achievement (CA) • Certificate of Competence (CO) **University of Hawaii at Manoa** • Environmental Studies – Bachelor of Arts (BA), Certificate • Global Environmental Science – Bachelor of Science (BS) • Natural Resources and Environmental Management – Bachelor of Science (BS), Master of Science (MS), Doctorate (PhD), Certificate • Plant and Environment Protection Science – Bachelor of Science (BS) **University of Hawaii at Hilo** • Biology – Bachelor of Science (BS) Ecology, Evolution and Conservation • Environmental Studies – Bachelor of Science (BS) • Tropical Conservation Biology & Environmental Science – Master

### High-Wage, High-Skill, In-Demand Careers

**Opportunities:** Agricultural Research Technician, Agricultural Research Technologist, Agricultural Technician, Laboratory Technician (Lab Tech), Research Assistant, Research Associate, Research Specialist, Research Technician, Seed Analyst, Senior Agricultural Assistant, Brand Inspector; Consumer Safety Inspector (CSI); Deputy Brand Inspector; Food Inspector; Food Sanitarian; Grain Inspector; Inspector; Inspector, Food Safety and Inspection Service (Inspector, FSIS); Seed and Fertilizer Specialist; Shipping Point Inspector