

AGRICULTURE PRODUCTION (CT.AGRP)

CERTIFICATE OF ACHIEVEMENT

Program Outcomes: Upon successful completion of this program a student will be able to:

- describe and employ current growing practices in the area of desired study.
- distinguish and propose inputs and controls needed to produce a consistently healthy crop in an area of study.
- recognize and evaluate how agriculture is in a progressively changing flux of knowledge and innovation.
- relate why sustainable agriculture is the cornerstone of future growing trends.

Required Major Courses (15-18 units)

<input type="checkbox"/>	ABT-110 – Careers in Agriculture and Technology	2.0
<input type="checkbox"/>	ABT-58 – Agriculture Laws and Regulations	3.0
<input type="checkbox"/>	ABT-90 – Soil Science	3.0
<input type="checkbox"/>	ABT-92 – Plant Science	3.0
<input type="checkbox"/>	ABT-99 – Cooperative Work Experience	1.0-3.0
<input type="checkbox"/>	ABT-57 – Agriculture Computer Applications	3.0
OR		
	BUS-43 – Business Information Systems and Info Literacy	4.0
OR		
	BUS-50 – Introduction to PC Applications	4.0

Major A Electives (Complete 6 units)

<input type="checkbox"/>	ABT-91 – Irrigation Practices and Materials	3.0
<input type="checkbox"/>	ABT-95 – Introduction to Small Fruit Science	3.0
<input type="checkbox"/>	ABT-96 – Vegetable Crop Production	3.0
<input type="checkbox"/>	ABT-97 – Vineyard Production & Management	3.0
<input type="checkbox"/>	ABT-98 – Fertilizers & Plant Nutrition	3.0

Major B Electives (Complete 6 units)

<input type="checkbox"/>	ABT-41 – Pesticide Applicator Certification Training	3.0
<input type="checkbox"/>	ABT-66 – Intro to Geographic Information System	3.0
<input type="checkbox"/>	ABT-67 – Intermediate GIS w/ Applications to Agriculture	4.0
<input type="checkbox"/>	ABT-80 – Introduction to Sustainable Agriculture & Food	3.0
<input type="checkbox"/>	ABT-81 – Integrated Pest Management Principles in Entomology	3.0
<input type="checkbox"/>	ABT-82 – Integrated Pest Management Principles in Weed Science	3.0
<input type="checkbox"/>	ABT-83 – Integrated Pest Management Principles in Plant Pathology	3.0
<input type="checkbox"/>	ABT-93 – Product Processing and Cooling	3.0
<input type="checkbox"/>	ABT-160 – Introduction to Agriculture	3.0
<input type="checkbox"/>	AIT-70 – Introduction to Mechanized Agriculture	3.0
OR		
	AIT-71 – Agricultural and Industrial Equipment Operation	
OR		
	AIT-75 – Agricultural Machinery Management	
<input type="checkbox"/>	ABT-101 – Organic Vegetable Production	1.5
<input type="checkbox"/>	ABT-102 – Organic Field Production Methods	1.5
<input type="checkbox"/>	ABT-103 – Ag Planning and Recordkeeping for Small Farmers	1.5
<input type="checkbox"/>	ABT-104 – Ag Business Development for New Organic Farmers	1.5
<input type="checkbox"/>	ABT-105 – Marketing Opportunities and Growth for Organic Farming	1.5
<input type="checkbox"/>	ABT-130 – Introduction to Food Safety	1.5

Other Required Courses

<input type="checkbox"/>	ENG-101* – Intermediate Composition and Reading	3.0
OR		
	ESL-101* – Academic Writing and Reading II	5.0
<input type="checkbox"/>	MAT-121** – Elementary Algebra	5.0

GAINFUL EMPLOYMENT INFORMATION:

See the certificate program cost and the employment outlook for graduates by clicking the link below:
<https://www.hartnell.edu/academics-affairs/gecp/>

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

<https://www.hartnell.edu/student-services/financial-aid/net-price-calculator.html>

*Eligibility for ENG-1A or ENG-1AX fulfills this requirement.

**Eligibility for MAT-123 or any higher level math course fulfills this requirement.

TOTAL: 27-30 UNITS