



# ORNAMENTAL HORTICULTURE/GREENHOUSE MGMT

## - Program of Study -

**Career Cluster: Agriculture Food and Natural Resources**

**Career Pathway: Plant Systems**

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

Grade	1 <sup>st</sup> Course	2 <sup>nd</sup> Course	3 <sup>rd</sup> Course	4 <sup>th</sup> Course	5 <sup>th</sup> Course	6 <sup>th</sup> Course (CTE)
9 <sup>th</sup> Grade	English I	Algebra I	Biology	Health / Computer Literacy	Physical Education	Agriculture Science I - or - Horticulture Science
10 <sup>th</sup> Grade	English II	Geometry	Chemistry or Geoscience	World History	Physical Education	Plant Science and Ornamental Horticulture
11 <sup>th</sup> Grade	English III	Algebra II	Science Course or Elective <sup>1</sup>	US History	Foreign Language <sup>2</sup> or Elective <sup>1</sup>	Greenhouse Management <sup>3</sup>
12 <sup>th</sup> Grade	English IV	Senior Level Math Course	Elective <sup>1</sup>	US Government	Foreign Language <sup>2</sup> or Elective <sup>1</sup>	Greenhouse Management Advanced Studies

<sup>1</sup> Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

<sup>2</sup> Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

<sup>3</sup> CTE Assessments will be administered during the completion level CTE course.

Career and Technical Student Organizations	Work-Based Learning	CTE Assessments
FFA	Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers / SAE	1) End of Program Technical Assessment for Ornamental Horticulture/Greenhouse Mgmt 2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

Postsecondary Options	State Articulation Agreements for CTE College Credit
College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College	<p><b>Secondary Program Requirements</b> Student must earn the state Certificate of Skill Attainment in Ornamental Horticulture/Greenhouse Mgmt.</p> <p><b>Postsecondary Credit Options</b> Truckee Meadows Community College                      4 Credits</p>

High Wage - High Skill - High Demand Careers	State Recognized Industry Certifications
Plant Breeder and Geneticist / Greenhouse Manager / Education and Extension Specialist / Biotechnology Lab Technician / Botanist / Grower / Plant Researcher / Plant Pathologist	Refer to the Governor's Office of Workforce Innovation's <a href="#">Nevada Eligible Industry Credentialing List</a>