

**CARSON HIGH SCHOOL - ORNAMENTAL HORTICULTURE/GREENHOUSE MANAGEMENT - PROGRAM OF STUDY**

Name of Student: \_\_\_\_\_  
 Graduation Year: \_\_\_\_\_  
 Counselor: \_\_\_\_\_

Contact: Michele Lewis, CTE Administrator – 775-283-1637

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

**Career Pathway: Plant Systems**

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Postsecondary
<i>Semester 1&amp;2</i>	<i>Semester 1&amp;2</i>	<i>Semester 1&amp;2</i>	<i>Semester 1&amp;2</i>	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
English I or Honors English I	English II or Honors English II	Junior Level English III with Honors and Advanced Placement classes available	Senior Level English with Honors and Advanced Placement classes available	
Biology	Biology or Honors Biology	Junior Level Science with Honors and Advanced Placement classes available	Senior Level Science with Honors and Advanced Placement classes available	
Algebra I or Honors Geometry	Geometry or Honors Algebra II	Algebra II or Honors Trigonometry/Pre-Calculus	Trigonometry/Pre-Calculus or Advanced Placement Calculus	
Freshmen Transitions and Health	World History or Honors World History	U.S. History/Honors and Advanced Placement U.S. History	Government/Honors and Advanced Placement Government	
Physical Education or NJROTC	Physical Education or NJROTC	Elective or Foreign Language	Elective or Foreign Language	
Elective	Elective	Elective	Elective	<b>Jump Start</b>
<b>Veterinary Science I or Horticulture Science</b>	<b>Plant Science and Ornamental Horticulture</b>	<b>Greenhouse Management</b>	<b>Greenhouse Management A.S.</b>	

Work-Based Learning		State Articulation Agreement for CTE College Credit		Career and Technical Student Organization
9 <sup>th</sup>	Freshmen Transition - Develop 4-year Plan; guest speakers; attend workshops and seminars Career Day/Fair	<u>Secondary Program Requirements</u> Student must earn the state Certificate of Skill Attainment certificate in Ornamental Horticulture/Greenhouse Mgmt.	<u>Postsecondary Credit Options</u> To Be Determined	FFA
10 <sup>th</sup> 11 <sup>th</sup> 12 <sup>th</sup>	Career Awareness, Job Shadowing, Field Trips, CTE Work Experience, Guest Speakers, Internship			
CTE Assessments		State Recognized Industry Certifications		High Wage - High Skill - High Demand Careers
End of Program Technical Assessment for Ornamental Horticulture/ Greenhouse Mgmt.  Workplace Readiness Skills Assessment (for Employability Skills Standards)		<u>Certification</u> To Be Determined	<u>Provider</u> To Be Determined	Plant Breeder and Geneticist Greenhouse Manager Education and Extension Spec. Biotechnology Lab Technician  Botanist Grower Plant Researcher Plant Pathologist

This Program of Study is based upon the requirements needed for a CTE Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.  
 Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)  
 CTE Assessments will be administered during the completion of Web Design and Development III course.  
 For additional career and employment information visit <http://www.nvcis.intocareers.org/> and <http://www.NevadaYouth.org>

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