



# El Dorado County Career Technical Partnership

In Partnership: Folsom Lake College • El Dorado Union High School District • El Dorado County Office of Education

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<b>Title: Genetic Study of White Pine Blister Rust Resistance Part 2</b>		
<b>Content Area: SCANS</b>	<b>Grade: 11-12</b>	<b>Duration: Two 1-hour periods</b>
<b>Career Technical Industry Sector:</b>  <b>United States Forest Service Nursery Camino, CA</b>	X	<b>Agriculture and Natural Resources</b>
		<b>Hospitality, Tourism, and Recreation</b>
<b>Standards and Benchmarks:</b>	<b>SCANS (Secretary's Commission on Achieving Necessary Skills)</b>  <b>Personal Qualities:</b>  <b>F 13 Responsibility:</b>  Exerts a high level of effort and perseveres towards goal attainment.  <b>F 15 Sociability:</b>  Demonstrates understanding, friendliness, adaptability, empathy, and politeness in group settings.  <b>F 16 Self Management:</b>  Assesses self accurately, sets personal goals, monitors progress, and exhibits self-control.  <b>F 17 Integrity/Honesty:</b>  Chooses ethical courses of action.	
<b>Objectives:</b>	Employees will understand what SCANS skills are necessary to work in the field of forestry.	
<b>Resources and Materials</b>	<b>SCANS Skills: Foundation and Competencies</b>	
<b>Differentiation:</b>		
<b>Preparing Employees for the Lesson:</b> <ul style="list-style-type: none"> <li>• <b>Transitions</b></li> <li>• <b>Expected Behaviors</b></li> </ul>	<b>Expected Behaviors:</b>  Employees are expected to understand and to strive to attain these personal qualities to make them better prepared for employment in the field of forestry.	
<b>Teaching the Lesson (Lesson Sequence/</b>	<b>Teaching the Lesson:</b>  Employees need to understand that forestry is an occupation that requires field	



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<p><b>Activities):</b></p> <ul style="list-style-type: none"> <li>• <b>Motivation/ Anticipatory Set</b></li>   <li>• <b>Pre-Assessment/ Activating</b></li>   <li><b>Background Knowledge</b></li>   <li>• <b>Teacher Input, Modeling, &amp; Checking for Understanding</b></li>   <li>• <b>Guided Practice</b></li>   <li>• <b>Independent Practice</b></li>   <li>• <b>Closure</b></li> </ul>	<p>work along with inside work. In both cases employees are expected to be able to work alongside others. These are a few of the qualities they will need and an explanation of their components:</p> <p><b>Responsibility:</b> Employees should exert high levels of effort toward gaining goals that they have set for themselves or that have been set for them.</p> <p><b>Sociability:</b> Employees will need to work around others. They need to understand that it is important to be able to get along with fellow workers while being friendly and polite.</p> <p><b>Self-Management:</b> Employees must set realistic goals for themselves and self-monitor to make sure that these goals are met. They need to be able to control themselves and monitor their behavior when assessed.</p> <p><b>Integrity/Honesty:</b> Employees need to be able to be trusted. Employers must be able to believe that the employee is conducting field tests, writing reports and maintaining accurate time card records.</p>
<p><b>Assessment</b></p>	<p>See attached Rubric.</p>
<p><b>Notes &amp; Reflections:</b></p>	<p>SCANS skills are essential for a person to survive in the working world. Without these basic skills regular, consistent employment is near impossible.</p>

<p><b>Externship Sites:</b></p>	<p>USFS Nursery, Placerville, CA</p>		
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