

**Directions:**

Evaluate the student by checking the appropriate number or letter to indicate the degree of competency. The rating for each task should reflect **employability readiness** rather than the grades given in class.

**Rating Scale:**

- 3 Mastered** – can work independently with no supervision
- 2 Requires Supervision** – can perform job completely with limited supervision
- 1 Not Mastered** – requires instruction and close supervision
- N No Exposure** – no experience or knowledge in this area

3	2	1	N	<b>A. Forest Management Economics Landlord/Industry</b>	<b>Notes:</b>
				1. Develop a forest management plan	
				2. Determine timber markets	
				3. Keep and analyze business records	
				4. Identify tax benefits available for timber landowners	
				5. Prepare and complete a bid form for forest products	
				6. Prepare and complete a timber contract	
				7. Identify sources of forestry assistance available to the landowner	
				Other:	

3	2	1	N	<b>B. Timber Harvesting</b>	<b>Notes:</b>
				1. Select and mark trees to be felled	
				2. Calculate volume of saw logs	
				3. Develop a logging plan	
				4. List the procedures to follow when felling trees	
				5. List the procedures to follow when limbing trees	
				6. List the procedures to follow when bucking trees	
				7. Explain the process of merchandising logs	
				8. Demonstrate the use of forest harvesting tools and equipment	
				9. Describe procedures to use to protect and avoid mechanical damage to residual timber	
				Other:	

3	2	1	N	<b>C. Chain Saw Use</b>	<b>Notes:</b>
				1. Demonstrate chain saw maintenance	
				2. Demonstrate the safe use and operation of a chain saw	
				3. List chain saw safety procedures	

				Other:	
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3	2	1	N	D. Forest Products	Notes:
				1. Identify markets for forest products	
				2. Identify special forest products	
				3. Demonstrate the ability to scale logs	
				4. List the defects important to log grading	
				5. List the steps to processing logs	
				6. List the factors affecting grading and scaling lumber	
				7. Demonstrate cutting and measuring firewood	
				8. Identify processing equipment and its use	
				9. List and distinguish between primary and secondary forest products	
				10. Identify and measure cordwood	
				11. Identify 10 different woods by texture and grain	
				12. Identify and evaluate the methods of preserving wood	
				13. List methods of storing and curing lumber	
				Other:	

3	2	1	N	E. Leadership and Personal Development for Advanced Students	Notes:
				1. Develop a resume and complete a job application	
				2. Develop a plan for finding a job	
				3. Describe how to apply and interview for a job	
				4. Describe the characteristics needed to develop desirable personal and social skills	
				5. Describe the importance and process of developing better human relationships	
				Unit: Explore a career area by investigating entry-level job opportunities at a local agricultural business and writing a résumé and letter of application for a position.	
				Other:	

<b>3</b>	<b>2</b>	<b>1</b>	<b>N</b>	<b>D. Using the <i>Missouri Agricultural Record Book for Secondary Students</i></b>	<b>Notes:</b>
				1. Complete forms needed to open the Missouri Agricultural Record Book for Secondary Students	
				2. Complete a budget for the SAE program	
				3. Complete inventory and financial statement forms for the Missouri Agricultural Record Book for Secondary Students	
				4. Complete receipt and expenditure forms in the Missouri Agricultural Record Book for Secondary Students	
				5. Complete additional forms in the Missouri Agricultural Record Book for Secondary Students	
				Unit: Demonstrate the ability to use selected forms in the <i>Missouri Agricultural Record Book for Secondary Students</i> by using a list of sample entries to complete the applicable forms in the book.	
				Other:	