Occupation: Agricultural Technicians
O*NET Code: 19-4012.00

Related Supplemental Instruction (RSI)

Unpaid, facilitated by Open Source Ag 501(c)(3):

Time spent in related and supplemental instruction may not be compensated per CA DAS and US DOL. For details on these hours, please see the RSI example document.

Agriculture Technician Skills	60 hours
Microsoft Office Suite	15 hours
Technology	15 hours
Communication	20 hours
Analysis	20 hours
Operations	20 hours
Total Related Supplemental Instruction Hours	**150 hours**

Competencies - On-the-Job Training (paid):

1. Record data pertaining to experimentation, research, or animal care.

2. Collect animal or crop samples. Examine animals or crop specimens to determine the presence of diseases or other problems.

3. Support pest or weed control operations, including locating and identifying pests or weeds, selecting chemicals and application methods, or scheduling application.

4. Perform crop production duties, such as tilling, hoeing, pruning, weeding, or harvesting crops.

5. Perform general nursery duties, such as propagating standard varieties of plant materials, collecting and germinating seeds, maintaining cuttings of plants, or controlling environmental conditions.

6. Transplant trees, vegetables, or horticultural plants. Care for plants or animals.

7. Determine the germination rates of seeds planted in specified areas.

8. Assess comparative soil erosion from various planting or tillage systems, such as conservation tillage with mulch or ridge till systems, no-till systems, or conventional tillage systems with or without moldboard plows.

9. Research sustainable agricultural processes or practices and crop management methods.

10. Research diseases or parasites.

11. Test quality of materials or finished products.

12. Project Management Software —Use Microsoft Office Suite to schedule and attend meetings, collaborate with team members, manage project tasks, and track progress.

13. Spreadsheet software — Microsoft Excel: Use Microsoft Excel to analyze data, create spreadsheets, and perform calculations.

14. Utilize graphics, photo imaging, or mapping software to communicate and share information.

15. Analyzing Data or Information — Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.

16. Organizing, Planning, and Prioritizing Work — Developing specific goals and plans to prioritize, organize, and accomplish your work.

17. Making Decisions and Solving Problems — Analyzing information and evaluating results to choose the best solution and solve problems.

18. Communicating with Supervisors, Peers, or Subordinates — Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.

19. Establishing and Maintaining Interpersonal Relationships — Developing constructive and cooperative working relationships with others.

20. Communicating with People Outside the Organization — Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources.