



Occupation: Regenerative Agricultural Technicians

[O*NET Code: 19-4012.00](#) with approved edits for Regenerative Ag

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.

Regenerative 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. Support farm management tasks, including livestock care, pasture moves, garden harvesting, and crop planting.
2. Practice farming methods that restore ecosystems while producing food, such as organic farming, permaculture principles, and agroforestry systems.
3. Research diseases, pests, or parasites and practice regenerative methods for control.
4. Plan and implement holistic farm management using frameworks like Holistic Management, Keyline Design, and Permaculture principles.
5. Practice small-scale vegetable production and intensive farming methods.
6. Test, augment, and measure soil biology and soil health.
7. Plant, harvest, and maintain vegetable gardens and orchards.
8. Use tractors, mowers, and other machinery for various farm tasks.
9. Set up and maintaining water systems for efficient resource use.
10. Manage compost piles to create natural fertilizers.
11. Project Management Software —Use Microsoft Office Suite to schedule and attend meetings, collaborate with team members, manage project tasks, and track progress.

12. Spreadsheet software — Use Microsoft Excel to analyze data, create spreadsheets, and perform calculations.
13. Utilize Geographic Information Systems (GIS) to communicate and share data.
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, or other external sources.