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- **A 9** : Feel free to get as dirty as possible and make the most out of our fieldwork in the garden. Hands-on learning is essential to understanding sustainable agriculture principles, so embrace the opportunity to engage in practical activities.
- **D** : Ask probing questions and feel free to challenge the instructor. Environmental Studies and Sustainable Agriculture are interdisciplinary subjects that often deal with controversial topics. Our discussions will benefit from your enthusiastic participation and critical thinking.
- 9• **A** : Maintain regular attendance as this class is largely based on your participation in both classroom discussions and fieldwork. Since the class meets once a week for only 16 sessions, please ensure you show up and make the most of our time together.

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2	. 1	History of Conventional Agriculture & History of Sustainable Agriculture Defining Agroecology Gliessman Video & Discussion	Discussion - Garden Interactions (Weeds, Allelopathy, Climate, Nutrition, etc.) Group Assignments & Soil Preparation	Textbook: Intro and Chapter 1 (Finding Land & Resources)
3	. 8	Scientific Foundations of Agroecology Intercropping, Crop Rotation, and Cover Cropping Allelopathy in our Garden Technology	Weeding & Soil Preparation Discussion - Family Roots in Agriculture	Chapter 3 (Honoring the Spirits of the Land)
4	. 15	Land Acknowledgement Indigenous Methods Three Sisters	Germination (Greenhouse, Beds, & Containers) Weed Seed Bank Assessment	Family History Assignment (present Feb. 22) Textbook: Chapter 6 (Crop Planning) Journal Writing
5	. 22	Crop Selection Water & Microclimates Insects, Herbivory, & The Market	Irrigation Seed Germination Race Family Roots Presentations	Textbook: Chapter 11 (Urban Farming) Urban Farm Assignment (due before Feb. 29) Journal Writing

6	.29	Urban Farming Biocontrol Tools & Technology	Insect Identification & Beneficial Insect Introduction Urban Farm Presentations	Insects, ecology, and agroecology assignment (due Mar. 7) Chapter 10 (Plant Medicine) Journal Writing
7	.7	Guest Speaker – Dr. Moreno Systemic Inequalities and Injustices Plant Medicine	Medicinal Plant Bed Potluck	Chapter 5 (Feeding the Soil) Read Article (provided) Journal Writing
8	.14	Taxonomy & Botany Seeds	Edible Plant Walk Plant Identification	Chapter 12 (Cooking & Preserving) Journal Writing
9	.21	Global Agricultural Practices & Issues Cooking, Preserving, & the Science of Fermentation	Fermentation Experiment	Chapter 11 (Urban Farming) Textbook pp. 88-94 (soil analysis) Journal Writing
10	.27	Field Trip: Urban Farm	Field Trip	Chapter 9 (Raising Animals) Field Trip
11	A .4	Spring Break	Spring Break	Spring Break

counseling, and other resources) are listed on the [Syllabus Information](https://www.sjsu.edu/curriculum/courses/syllabus-info.php) (<https://www.sjsu.edu/curriculum/courses/syllabus-info.php>) web page. Make sure to visit this page to review and be aware of these university policies and resources.