

Course Outline for Organic Gardening: 8 weeks, 8 hours/week 2021 EXAMPLE CALENDAR ONLY



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LP	date	Topic, or lecture	Activities	Graded work	points
1 A		1) How this course works	1) Family trees; Why know families - lecture, handout	1) discuss experiences and principles	5
		2) Overview of the concepts we will cover 3) Organic garden principles 4) Meet your families	2) The past year in review – what worked, what didn't in Bounty Garden 3) how big is an acre	2) Activity: walk thru the greenhouse n gardens	5

Homework: Read, Coleman Chpts 1-4 . Review plant family information. chapters 5 (Scale & Capital), chpt 6 (Labor), Skim thru appendix We focus on chapter 4, 5 and 6. These are very short chapters.

LP	date	Topic, or lecture	Activities	Graded work	points
1 B		1) Organic soils, good land	1) Recorded Lecture	1) Check: Soils & land	5
		2) Where to put the garden?	2) Recorded Lectures	2) Check: garden spots	5
		3) Scale, size, labor	3) Reading	3) Check : Size and Labor options	5
		4) Weekly Plant weed & pest	4) Family: Brassicas+ weed + bug	4) Quiz: Plant family quiz	10

Homework: Read Coleman: Chapter 14 – Soil Blocking,

LP	date	Topic, or lecture	Activities	Graded work	points
2A		1) Starting seeds right	1) lecture: seed selections	1) Discussion: partner on selections of seed	5
		2) Growing media mixtures	2) making growing plans based on sales plans	2) weekly plant & pest quiz	10
		3) In the greenhouse... planting seeds		3) Activity: Draft a market plan	5

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READ Coleman Chpt 7 (Marketing Strategy), Read Chapter 8 (Planning & Observation),

LP	date	Topic, or lecture	Activities	Graded work	points
3		1) Sell it BEFORE you grow it Deciding on varieties. Key factors 2) Reading seed packets/catalogs 3) Family: Solanaceae, weed, pest	1) Recorded lecture: seed selections 2) making growing plans based on sales plans	Check: seed selection	5
				1) weekly plant & pest quiz 2) Activity: Draft a market plan	10

Homework due for week 4: Read Coleman Chpt 24 – Season Extension, Chpt 25 The Moveable Feast, Chpt 26: Winter Harvest Project

LP	date	Topic, or lecture	Activities	Graded work	points
4		1) Season Extension 2) greenhouse management 3) moveable tunnels	1) Lecture: why & how's of extension 2) Family: Curcubits 3) Lecture: best greenhouse practices	1) Discussion	5
				2) plant & pest quiz - previous week	10
				3) Activity: visit the green house	5

Homework due week 5: Read Coleman Chpt 10 Green Manures, Chpt 12 Soil Fertility. Chpt 13, Chpt 14 (Farm Fertility)

LP	date	Topic, or lecture	Activities	Graded work	points
5		1) Organic Fertility for gardens 2) Composts & compost tea	1) Green manures & organic fertilizers 2) Family: Fabas 3) compost tea brewer review	1) Discussion;	5
				2) plant & pest quiz - previous week	10
				3) Activity: check out compost tea brewer	5

Homework due week 6:

LP	date	Topic, or lecture	Activities	Graded work	points
6		1) 3) Review of topics so far	1) lecture; seed starting prep 2) Family: Chenopods 3) cleaning trays	1) discussion; clean seed trays	5
				2) weekly plant & pest quiz	10
				3) Activity: mix starter media, plant	5

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- Homework due week 7: RE- Read Coleman: Chpt 7 (Marketing Strategy), Read Chapter 8 (Planning & Observation),
- Read Chpt 9 (Crop Rotation)

LP	date	Topic, or lecture	Activities	Graded work	points
7		1) garden layout, row spacing, beds 2) Crop rotation plan – board game?	1) lecture 2) Family: Apiaceae	1) discussion 2) weekly plant & pest quiz	5 10
		TAKE THE MID_TERM EXAM Plant Families & topics wks 1-7 first test	In the assessment center 14 points on families	Take the exam by Friday Mar 13 16 points on “topics”	30

- Homework due for week 8: Read Coleman Chpt 19 Weeds.

LP	date	Topic, or lecture	Activities	Graded work	points
8		1) Weeds in the garden a) cover crops & crop rotation b) cultivation of hoop house fall seeded crops, kale, beets, spinach	1) lecture 2) Family: Asteraceae 3) cultivation tools	1) Discussion 2) weekly plants & pest quiz 3) activity: work with cultivation tools	5 10 5

- Homework due for week 9: Chapters 20 and 21; Pests? Pests: Temporary Palliatives

LP	date	Topic, or lecture	Activities	Graded work	points
9		1) Take the weed test 2) Pests in the garden 3) Garden as an ecosystem	1) test 2) lecture 2) Family: Poaceae	1) Weed test – first test 2) Discussion 2) weekly plant & pest quiz	15 5 10

- Homework due week 10: Read the handout on Disease in the garden and the Walliser handout

LP	date	Topic, or lecture	Activities	Graded work	points
10		1) Disease in the garden 2) Prepping the hoop house	1) lecture 2) Family: Liliaceae 3) possible hoop house work	1) Pests - first test 2) Discussion & potting up tomatoes, peppers 3) weekly plant & pest quiz	15 5 10

Homework due week 11: Read Coleman Chapter 16: Transplanting, Chpt 18: Setting Out Transplants

LP	date	Topic, or lecture	Activities	Graded work	points
11		1) Transitioning to organics 2) Transplanting 3) Hardening off seedlings	1) lecture 2) may work outside, depending on weather 3) using the paper pot planter	1) discussion 2) weekly plant & pest quiz 3) activity: harden off our seedlings	5 10 5

Homework due week 12: Read chapter 22 Harvesting; Chapter 11: tillage

LP	date	Topic, or lecture	Activities	Graded work	points
12		1) Harvesting techniques, SOPs 2) storage 3) Moveable high tunnels? Floating row 3) till outdoor plots	1) lecture 2) work in the garden 3) check out the BCS tiller	1) discussion 2) activity: till outdoor plots, lay weed barriers, floating row covers, hoops	5 15

Homework due for week 13: Read the handouts

LP	date	Topic, or lecture	Activities	Graded work	points
13		1) Organic garden certification	1) lecture/discussion 2) weed & bug of the week 3) transplant and plant hemp	1) discussion 2) Complete the Organic Garden paperwork 3) act: transplant and plant in the garden, bend hoop pipe	5 10 5

Homework due for week 14: study for the final

LP	date	Topic, or lecture	Activities	Graded work	points
14	May 4	Final(s)	Assessments 20 points for each section	1) Test # 2 for Plants, Pests, Weeds 2) General test of other garden knowledge 3) Reflection paper on new learning	60 40 15

Homework due for week 15: Read Coleman Chapter 26 A Final Question, and Chapter 27 L'Envoi

LP	date	Topic, or lecture	Activities	Graded work	points
15	May 11	Diversity and the garden as an ecosystem Review "a year in the life of a gardener"	1) lecture 2) irrigation	1) discussion; work-life balance 2) discussion – review your tests results	5 5

Organic Gardening 2021 Course point chart - initial

Total points for this course:

(values may be adjusted as the course goes continues)

type	number	Points each	total	% of grade
Weekly Discussions	16	5	80	18.2
Weekly quizzes	11	10	110	25.0
"other" activities	8	5	45	10.2
Mid-term: Plant Families	1	30	30	6.8
"First Tests" –Weeds, Pests	2	15	30	6.8
Organic certification paperwork	1	15	15	3.4
"Second", Final Tests – Family, Weeds, Pests	3	20	60	13.6
General test of garden knowledge	1	40	40	9.1
Reflection paper	1	15	15	3.4
Gardening activity weekly field notes	15	1	15	3.4
	total		440	100