

科目ナンバリング		U-LAS14 20053 LE68							
授業科目名 <英訳>		Principles of Horticulture-E2 Principles of Horticulture-E2				担当者所属 職名・氏名		農学研究科 准教授 Garry John PILLER	
群	自然科学科目群			分野(分類)	生物学(各論)			使用言語	英語
旧群	B群	単位数	2単位	週コマ数	1コマ	授業形態	講義 (対面授業科目)		
開講年度・ 開講期	2024・後期		曜時限	水3		配当学年	主として1・2年生	対象学生	理系向
[授業の概要・目的]									
This course is a broad introduction to the science and technology underlying the use and production of horticultural crops (fruits, vegetables, flowers, and landscape plants). It includes the structure; growth, development and manipulation of horticultural plants; environmental influences; the basic principles of propagation, outdoor and greenhouse production; and pest control.									
[到達目標]									
Upon successful completion of this course students will: <ul style="list-style-type: none"> • Be able to use basic horticultural vocabulary to describe and define horticultural management activities. • Demonstrate a working knowledge of growth and development patterns of horticultural crops, and responses to environmental variables. • Be able to access and understand basic research on horticultural crops. 									
[授業計画と内容]									
Course Schedule <ol style="list-style-type: none"> 1. Introduction/ History 2. Plant Structure & Genotype 3. Flowers & Fruits 4. Propagation 5. Light 6. Temperature 7. Water 8. Soils & Soil Management 9. Mineral Nutrition 10. Plant Hormones 11. Directing Plant Growth 12. Pest & Disease Management 13. Greenhouse Production 14. Post Harvest Handling 15. End Exam 16. Feedback 									
[履修要件]									
特になし									
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Principles of Horticulture-E2(2)

【成績評価の方法・観点】

Grading: Listening quizzes (20%), weekly writing exercises based on assigned pre-class reading materials (30%), in-class presentation (20%), and final exam (30%).

【教科書】

使用しない

【参考書等】

(参考書)

Handouts and supplemental readings will be distributed electronically and/or as a hard copy in class.

【授業外学修（予習・復習）等】

Students should read or listen to the required pre-class materials and submit any required assignment before the class, and come to class ready to participate in class activities. Typically, this will entail listening to a short video or podcast (10 min. or less), as well as reading a 2 or 3 page handout and be prepared to write answers to 1 or 2 questions about the reading material in the following class (15 to 20 minutes provided in class).

【その他（オフィスアワー等）】

Open door policy during office hours, and anytime by email.