

Syllabus: AN INTRODUCTION TO ENVIRONMENTAL STUDIES 101 - 3 units UC/CSU

Introduction to Sustainability and the Environment

Prerequisite: None. Instructor G. Leddy Summer, 2016 M,T,W,Th 1:30 - 4:00PM

Dates, Topics, Chapter Sections	Readings: Readings are online articles and the e-book "Sustainability: A Comprehensive Foundation. Textbook by: Tom Theis and Jonathan Tomkin, Editors. < http://legacy.cnx.org/content/col11325/1.43/ >	Assignments, quizzes and Videos
Lecture 1: June 20	Introduction to Sustainability and the Environment Environmental problems, causes, sustainability Environmental Justice and the "3 rd wave" Ch 1.2 in Theis Ch 6.4 in Theis The Scientific Method vs "bad science"	
Lecture 2: June 21	Environmental Studies Introduction to enviro studies – economics, politics, and history Ch 2.1; 2.3; 2.4 in Theis	
Lecture 3: June 22	From population to demography Population the People Paradox	
Lecture 4: June 23	Agriculture and Food Ch 4.4; 10.6 in Theis	In-class Quiz 1 Assignment 1 announced
Lecture 5: June 27	Oceans and Coasts Ch 6.3 in Theis	
Lecture 6: June 28	Fresh Water Resources Ch 5.2 in Theis	
Lecture 7: June 29	California Water and Drought Water management in the drought	
Lecture 8: June 30	Toxic substances Ch 5.5 in Theis	In-class Quiz 2 Assignment 1 due
Lecture 9: July 4	HOLIDAY	
Lecture 10: July 5	Minerals and Globalism Ch 5.6 in Theis MIDTERM EXAM	EXAM
Lecture 11: July 6	Non-renewable Energy Ch 10.7 in Theis	Assignment 2 announced
Lecture 12: July 7	Renewable energy	In-class Quiz 3
Lecture 13 July 11	Climate Change Ch 3.4; 8.3 in Theis	
Lecture 14: July 12	Evolutionary Biology and Species preservation Biosphere Ch 4 in Theis	
Lecture 15: July 13	Public Lands and conservation biology Ch 2.2 in Theis	

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Lecture 16: July 14	Transportation	In-class Quiz 4
Lecture 17: July 18	Waste Ch 7.2; 7.3 in Theis	
Lecture 18: July 19	Sustainable Cities Ch 11.2; 11.3; 11.4 in Theis	
Lecture 19: July 20	Greening of business Ch 9.4 in Theis	
Lecture 20: July 21	Personal Choices Ch 1.4; 10.2 in Theis FINAL EXAM	EXAM Assignment 2 due