

CREATIVE PROBLEM SOLVING — SAMPLE CURRICULUM

Lecture 1: Introduction/Course Outline

Lecture 2: Ten Terms

Reading: Ch. 1 in *The Rise of the Creative Class* by Richard Florida

Lecture 3: No class—replaced by special activity.

Lecture 4: Historical Perspective

Reading: Ch. 2 in *The Rise of the Creative Class* by Richard Florida

Lecture 5: What is a Creative Age Like?

Lecture 6: The Absence of Creative Problem Solving—Easter Island

Reading: Ch. 2 in *Collapse* by Jared Diamond

Lecture 7: The Presence of Creative Problem Solving—Tikopia

Lecture 8: The Presence of Creative Problem Solving—Tokugawa Japan

Reading: Ch. 9 in *Collapse* by Jared Diamond

Lecture 9: Designing an Economic System for America

Lecture 10: Lessons from Alexander Hamilton

Reading: Ch. 17 in *Alexander Hamilton* by Ron Chernow

Lecture 11: February 23 Creating a Geographical Vision for America

Lecture 12: February 25 Lessons from Thomas Jefferson

Reading: Ch. 4, 6 in *Undaunted Courage* by Stephen E. Ambrose

Lecture 13: Test #1

Lecture 14: Ten New Terms

Lecture 15: The Women Who Redefined Man

Lecture 16: Lessons from Jane Goodall

Reading: Ch. 5 (pp. 194-211) in *Jane Goodall* by Dale Peterson

Lecture 17: Developing Wireless Communication

Lecture 18: Lessons from Guglielmo Marconi

Reading: selections from *Thunderstruck* by Erik Larsen

Lecture 19: Projecting a Theory of Relativity

Lecture 20: Lessons from Albert Einstein

Reading: Ch. 4, 5 in *Einstein* by Walter Isaacson

Lecture 21: Lessons from Norman Bel Geddes

Lecture 22: Lessons from John Stevens

Reading: Ch. 17 in *The Path Between the Seas* by David McCullough

Lecture 23: Inventing an Infrastructure for New York City

Lecture 24: Lessons from Robert Moses

Reading: Ch. 12 in *The Power Broker* by Robert A. Caro

Lecture 25: Developing a Vaccine for Polio

Lecture 26: Lessons from Jonas Salk

Reading: Ch. 6, 7 (pp. 92-127) in *Polio* by David M. Oshinsky

Lecture 27: Test #2

Lecture 28: Lessons from Joel Salatin

Reading: Ch. 10, 11 in *The Omnivore's Dilemma* by Michael Pollan

Lecture 29: On Conventional Wisdom

Lecture 30: Conclusions

Reading: Ch. 5 in *Blink* by Malcolm Gladwell

***Final to be scheduled by University.**