

**B 2011 - HI 3316 Topics in 20<sup>th</sup> Century U.S. History—Airplanes** (T. Robertson)

Airplanes and American History: In this course, students will explore the environmental and social history of air travel in the United States, examining how this technology has changed American geographies and culture, and how American society has shaped this technology. The focus will be environmental and technological (not military), but broadly construed. After a brief introduction to environmental history, the history of technology, and transportation history, we will examine air travel from several different angles, including resource use, rural, urban, and international geography, and culture. The course will involve lectures and a field trip but will mostly be a reading and discussion seminar. Students will complete a short research paper.

**C 2012 - HI 3334-1 Topics in American Science and Technology: Cars, Culture, and the American Built Environment** (Clark)

Cars! It's hard to exaggerate their importance in American life: they structure the way we live in many ways: they influence where we live and how we spend our time, they are central to our national economy, they have altered our environment and the way we perceive it, and they influence our political relationships with the rest of the world. And their cultural ramifications are profound. Individually, we love our cars. But cars have long been, and continue to be, at the center of persistent and important controversies. It is important to be able to think critically, clearly, and historically about these controversies and about the influences of automobiles, the automobile industry, the automobile-centered economy, and the car culture on our lives. In this course we will examine the technical, industrial, business and economic history of automobiles in the United States, and we will also look at the influence of the automobile on American culture; on the landscape and on the built environment, including the history of cities and suburbs; on the relationship of cities, suburbs and transportation; on the history of city planning; on the growth of "sprawl" and the decline of downtowns and recent efforts to revitalize them.

This is a highly participatory class: students will work in groups to explore the many complex and important debates about cars and their history, and to generate illuminating historical questions of their own.

**D 2012 - HI 3335 Topics in the History of Non-Western Science and Technology**

(D. Spanagel)

Non-Western Roots of Mathematics, and Polynesian Navigation.