**TPSS 667 World Food Problems: Evaluating Starvation**

**Spring 2017** **1 credits**

**Instructor:** Michael Kantar

**Office:** 204B St. John lab of Plant science

**Office hours:** by appointment

**Email:** mbkantar@hawaii.edu

**Monday: 12:30-1:20 STJHN 13, and google classroom**

**Web resources:** <https://laulima.hawaii.edu>

**Textbook:**  No Text

**Course Purpose:** The purpose of this course is gain an understanding of food production across the world and its relationship to starvation. To this end, students will explore the primary literature in Agriculture, climate science, sustainability science, sociology and economics. The course will primarily be based on in class discussion and research papers

**Course Audience:** This course is designed for upper division undergraduates or graduate students who are interested in the relationship between food production and hunger.

**Attendance:** Attendance is essential for successful completion of the course. Please notify the instructors by email should you be unable to attend class.

**Grading**

|  |  |
| --- | --- |
| Activities | Percent of total grade |
| Paper Questions | 25 |
| Leading Discussion | 25 |
| Class Discussions | 25 |
| Position paper | 25 |

**Letter Grade**

|  |  |
| --- | --- |
| A | 85% |
| B | 75-84% |
| C | 70-74% |
| Credit | 70-100% |
| No-credit | Less than 70% |

\*All students regardless of grading system chosen, are expected to complete all work assigned, a grade of incomplete will be given if assigned work has not completed by the end of the semester.

\*All assignments are expected to be completed and turned in on the assigned date. Late assignments will be graded but will decrease but the grade will decrease 10% for each day the assignment is late.

**Course Objectives / Outcomes**

1. Be able to discuss the World Food Production
2. Be able to discuss Climate change
3. Be able to discussion agronomy, genetics, climate interactions

**Academic dishonesty and scholastic misconduct**

Academic dishonesty will not be tolerated for full definitions see UH Manoa policies.

**(**[**http://www.catalog.hawaii.edu/about-uh/campus-policies1.htm**](http://www.catalog.hawaii.edu/about-uh/campus-policies1.htm)**)**

**Disabilities**

Students with disabilities that impact their ability to participate in the course completely are encouraged to bring this to attention of instructors so accommodations can be arranged.

**Policy on makeup examination for legitimate absences**

Students should not be penalized for absence due to unavoidable or legitimate circumstances. It is the responsibility of the student to notify instructors as soon as possible of such circumstances so arrangements can be made.

**Projected Course Schedule**

|  |  |
| --- | --- |
| **Date** | **Topic** |
| January 9 | Introduction to Course |
| **January 16** | **No Class MLK Day** |
| January 23 | Introduction to World Food Production |
| January 30 | Malthus and Population Dynamics |
| February 6 | Famine in the 20th Century |
| February 13 | The Role of Institutions |
| **February 20** | **No class presidents day** |
| February 27 | Food and the environment |
| March 6 | Water Scarcity in Agriculture |
| March 13 | Climate Change and Cropping Patterns |
| March 20 | The duel Burden, are calories nutrition? |
| **March 27** | **No class Spring Break** |
| April 3 | Food Distribution and Security Issues |
| April 10 | Science and Technology Policy in Agriculture |
| April 17 | Globalization of the food system |
| April 24 | Self-Sufficiency |
| May 1 | Potential Solutions |