18. Justification

1. **What is the course modification?**

N/A Please refer to Question 2.

2. **Why is this course being requested or modified?**

The Department of Tropical Plant and Soil Sciences has aimed to understand plant and soil issues important to Hawaii and other tropical areas of the world. Classes offered by the Department focus on an understanding of the interactions among plants, soil, water and air in different settings. An appreciation of these interactions requires an integration of diverse activities, so as to understand and responsibly manage land.

In addition in understanding these interactions of tropical agriculture, there has been an increase in another sector of agriculture that has not been fully addressed at the university level, and that is urban agriculture. Specifically, urban agriculture includes landscape design, installation, and maintenance. In order to address the increase of urban populations in Hawaii, a sustainable balance between urban and natural areas needs to be implemented. To do this, the landscape industries of Hawaii must have the latest research and workers to achieve this balance. At the center of the landscape industry is landscape architecture, and currently, the State does not provide education for landscape design at this level. With no landscape architecture program in the State, and ARCH 251 is no longer offered, this course intends to be a replacement as well as offering an introduction to the profession of landscape architecture from campus wide and community interest.

3. **How will the content be organized?**


4. What other courses at UHM closely parallel the proposed course and in what way will the latter make a distinct contribution?

There are currently no landscape history and theory courses being offered. Two courses in architecture (ARCH 100 Introduction to the Built Environment and ARCH 473 History of American Architecture) focus on architectural history, but do not cover the content and perspective of this new course. Previously, ARCH 251 Introduction to Landscape Architecture) was offered by the Architecture depart, but is not currently offered. There is a strong interest in making different design related elective courses within the. This course was developed to offer elective for Architecture, Urban Planning, Geography and TPSS curriculums this in mind, in order to address the increasing urbanism of Hawaii and the world and the relation to the built and natural environment.

5. Where or how does the proposed course fit into the current and future curriculum?

Teaching a new undergraduate course on Landscape Architecture History, Theory, and Practice will help support Tropical Plant and Soil Science (TPSS) department to offer an option in its curriculum to address the high in demand courses work relating to Hawaii’s landscape industry in addition to the other University curriculums mentioned in question #4.

6. Why is the number of credits and level justified? Explain the prerequisites and the absence thereof.

Survey of the development of landscape architecture as an art form from Mesopotamia to the present. Exploration of the profession and art of landscape architecture in the United States, Europe, the Americas, and Asia in relation to prevailing physical environment, social, economic, political, and cultural factors. Students will also study place attachment,
people-plant relationships, environmental attitudes and perception, personal space, urban public space, diversity, and the participation of space.

The proposed course, TPSS 353, is a 3 lecture course:
Lecture course: 150 minutes of contact per week = 3 credit hour
Total: = 3 credit hours

There are no prerequisites for this course. It is a landscape history and theory survey course which will be open to all majors.

7. How will the course assist students to achieve the critical skills and competencies expected of CTAHR graduates?

**Written Communication**
Students will be given assignments which include report papers on landscape historical people, places, and theories. Feedback on these graphic assignments will be provided.

**Oral Communication**
Students will be required to present report papers as well as participate in class discussions.

**Analytical Problem Solving**
Students will be asked to think and respond in an analytical, artistic, social, and scientific manner to discover the meaning, rational and functional ability of specific historical landscapes and movements.

**Personal Characteristics**
Students are expected to participate in class. Many in-class activities and exercises will be conducted and evaluated to allow students to practice these competencies.

**Human Relations Skills**
Students are expected to participate in class. Many in-class activities and exercises will be conducted and evaluated to allow students to practice these competencies.

**“Real World” Experience**
Group and individual assignments will be given to provide “real world” experience. How humans have affected and are affected by the landscape.

**Business Management Skills**
Course content will cover this topic, allowing students to comprehend on a practical level the impact of how design implementation upon the land affects society.

**Leadership Skills**
Course content will cover this topic, while in-class activities and exercises will provide opportunities to practice.

**Computer Skills**
Computers will not be used during this course, but all assignments will have to be generated on a computer.

**Global Perspective**
Students will be exposed to environmental, social, and economic awareness through environmental and social impacts.

**How will students be evaluated?**
Students learning accomplishments will be evaluated by 10% for full and regular participation in class discussions, 60% for successful completion of Mid-Term and Final exams, 30% on a final writing project. These will be used to evaluate students’ understanding and developed skills of the subject matter, including problem solving skills, oral and communication skills, and an understanding of the theoretical constructs the human impact on the land.

9. **What are the minimum qualifications for teaching this course? Is a qualified instructor now available?**

Andy Kaufman, ASLA, MLA, Ph.D. is now available to teach the course. and taught a portion of this proposed class content in TPSS 350. The course requires someone who works has a landscape design background, preferable a landscape architect with a horticultural and social science background.

10. **How will the course be financed, assuming no further cutbacks?**

This question is not applicable.

11. **Has the course been offered before? Is there a demand for it?**

When TPSS 350 course was offered in the spring of 2006, students indicated that they wanted a course concentration on landscape architectural design and history. Some of this course content was covered in ARCH 251 which is not being taught. This course will be a valuable addition to the UH curriculum and would benefit upper division undergraduate and incoming graduate students in many disciplines in addition to TPSS students. Many undergraduate students and community members have also expressed interest in taking an upper division landscape architecture history and theory course.

12. **Is the course cross-listed with another department?**

N/A