Curriculum Details for OCN 260

There is no proposal to change this course. You must log in to create one.

<table>
<thead>
<tr>
<th>Entry Type</th>
<th>Active</th>
</tr>
</thead>
<tbody>
<tr>
<td>proposed by:</td>
<td></td>
</tr>
</tbody>
</table>

Basic Banner Information

The purpose of this section is to detail the basic information necessary for the course, most of which will appear in Banner and the college's catalog.

<p>| 1. Justification for the change |          |
| 2. Course Alpha | OCN |
| 3. Course Number | 260 |
| 4. Course Title | Pacific Surf Science and Technology |
| 5. Short Course Title (for Banner) |        |
| 6. Course Credits (or lower limit) | 3 |
| 7. Course Credits Upper Limit (if) | 0 |</p>
<table>
<thead>
<tr>
<th><strong>8. Catalog Description</strong></th>
<th>Pacific Surf Science and Technology is a lecture-based course that showcases scientific and industry aspects of the surfing world for surfers and non-surfers. The course takes a scientific approach to understanding the natural processes that create and influence waves and surf conditions, while also introducing many ocean safety concepts relating to the environment and the popularity of ocean recreation. A weather and surf journal along with weekly campus field excursions dedicated to studying weather phenomena adds an essential experiential component to the course.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9. Pre-Requisites:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>10. Co-Requisites:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>11. Recommended Preparation:</strong></td>
<td>Ability to access information from the Internet.</td>
</tr>
<tr>
<td><strong>12. Contact Hours (lecture, laboratory, lecture/lab):</strong></td>
<td>3 hours lecture</td>
</tr>
<tr>
<td><strong>13. Which department is sponsoring the course?</strong></td>
<td>Natural Sciences</td>
</tr>
<tr>
<td><strong>14. Which course is this course cross-listed with?</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Generic Syllabus

The purpose of this section is to expand on the course content to give the Windward CC curriculum committee and people in other campuses a sense of how the course will proceed.
### Learning Outcomes and Strategic Plan

The purpose of this section is to detail the course Student Learning Outcomes and to tie the course to the college’s strategic plan.

| 21. What are the Student Learning Outcomes? | • Discuss the basic principles of meteorology, oceanography, and geology as they apply to the creation and shaping of waves and surf. • Predict surf conditions using Internet web sites and local weather station reports. • Compare and contrast past and present surfboard technology and production. • Apply the principles of design, production, and retail marketing within surfing related industries. • Assess the various multimedia applications related to surfing. • Demonstrate water safety issues related to surfing. • Apply the basic techniques of surfing. • Maintain logs of weather and surf observations to use in future forecasts. |
| 22. What is the Connection between the Course SLOs and the |
## Resources

The purpose of this section is to detail the resources needed for the course.

| 24. Describe the staff that will be needed |
| 25. Describe the facilities that will be needed, including special rooms |
| 26. Describe any other resources that will be needed |
| 27. How will the staff, facilities, and other resources for the course be secured? |

## Connections to Programs

The purpose of this section is to detail how the course connects to certificates and programs at Windward CC.
<table>
<thead>
<tr>
<th>28. What Certificates are Connected to the Course?</th>
<th>Academic Subject Certificate in Hawaiian Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>29. What Specific A.A. does the Course Fulfill?</td>
<td></td>
</tr>
<tr>
<td>30. Maximum Number of Credits acceptable towards the AA Degree:</td>
<td>3</td>
</tr>
</tbody>
</table>

**Similar Courses Elsewhere**

The purpose of this section is to detail how the course is similar to other courses in the UH system and how the course might be included in articulation agreements.

<table>
<thead>
<tr>
<th>31. List any similar classes taught outside of the UH System.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>32. List any similar classes taught at campuses in the UH System.</td>
<td></td>
</tr>
<tr>
<td>33. How, if at all, is the course intended to count in lieu of a course taught at a four-year campus?</td>
<td></td>
</tr>
<tr>
<td>34. How, if at</td>
<td></td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>All, is the course similar to upper-division courses in the UH System?</td>
<td></td>
</tr>
<tr>
<td>35. How, if at all, is the course appropriate for articulation with the UH Manoa general education core?</td>
<td></td>
</tr>
<tr>
<td>36. How, if at all, is the course appropriate for articulation with other department or college requirements on a UH four-year campus?</td>
<td></td>
</tr>
</tbody>
</table>

**Other Information**

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>37. Other Notes</td>
<td></td>
</tr>
</tbody>
</table>

Page last updated: June 20, 2011  [Log in](#)