GEOL&110 - Environmental Geology: Geology and the Human Env

BASIC INFORMATION
Requester(s): Kay A Rutherford  Thomas F Braziunas  Nancy J Giese-sola-llonch
College: South Seattle College
Division/Dept: Academic Programs
Dean: Kay A Rutherford
Peer Reviewer(s): Nancy J Giese-sola-llonch

COURSE INFORMATION
Proposed Course Number: GEOL& 110

Full Title: Environmental Geology: Geology and the Human Env
Abbreviated Title: Environmental Geology

Catalog Course Description:

Course Length: 11 Weeks

Topical Outline:
I Introduction to cycles and different "spheres"
   A Rock cycle
   B Hydrologic cycle
   C Carbon and other biogeochemical cycles

II Geologic hazards
   A Tectonic
      1. Volcanoes
      2. Earthquakes
   B Non-tectonic
1. Floods
2. Mass wasting
3. Coastal erosion
4. Groundwater loss and pollution
5. Climate change

III Resource extraction
A Mineral
1. Ores
2. Petroleum and natural gas
B Non-mineral
1. Groundwater
2. Soils

COURSE CODING
Funding Source: 1..............State
Institutional Intent: 11............Academic Transfer

Select the Distribution Area of the AA Degree that this course will satisfy, if applicable:

Distribution Areas

Natural World

Will this course transfer to a 4-year university? Yes
Transfers as ESS 315 (4 credits) and ESS 1XX (1 credit) at the University of Washington

Please Describe:
Transfers as ESS 315 (4 credits) and ESS 1XX (1 credit) at the University of Washington

Is this course designed for Limited English Proficiency? No
Is this course designed for Academic Disadvantaged? No
Does this course have a Workplace Training component? No

CIP Code: 40.0601

Credits:
Will this course be offered as Variable Credit? No

List Course Contact Hours

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<th>Description</th>
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This is to certify that the above criteria have all been met and all statements are accurate to the best of my knowledge.

Faculty involved in originating this program:

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Kay A Rutherford</td>
<td></td>
<td>5/31/2017</td>
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<tr>
<td>Thomas F Brazunas</td>
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<td>5/31/2017</td>
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<tr>
<td>Nancy J Giese-sola-llonch</td>
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Dean:

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<tr>
<td>Jc Clapp</td>
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Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

☑ Recommended for approval
☐ Not recommended for approval

Chairman, Curriculum Coordinating Council:

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<tr>
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<tbody>
<tr>
<td>Mary Elizabeth Beans</td>
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Vice President for Instruction:

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<tr>
<td>Peter H Lortz</td>
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