ENGR110 - Engineering Orientation

Document Type: Master Course Outline
Proposal Type: Revision
Requester(s): Dennis Schaffer
College: North
Origination Approved: 02/23/2017 - 5:02 PM

BASIC INFORMATION
Requester(s): Dennis Schaffer
College: North Seattle College
Division/Dept: Math / Science
Dean: Alissa D Agnello
Peer Reviewer(s): Rainer Heller
Loc Ha Nguyen
Vince Offenback

COURSE INFORMATION
Proposed Course Number:
Prefix: ENGR Number: 110
☐ Request a new Prefix
☐ This will be a common course

Full Title: Engineering Orientation
Abbreviated Title: Engineering Orientation

Catalog Course Description:
Covers fields of engineering, career options and general information.

Course Length: 11 Weeks
☐ Request an Exception

Topical Outline:
1. Introduction to engineering careers and disciplines.
2. Introduction of students to each other.
3. 2-year pathway to a 4-year engineering degree.
4. Hands-on engineering challenges.
5. Guest Speakers: 4-year institutions.
6. Student Success Modules (e.g. learning styles, time management, write a personal statement, networking, to be adapted by instructor)

COURSE CODING
Funding Source: ............................State
Institutional Intent: ............................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

Please Describe:

transfers as ENGR 1XX

**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: 14.0101

Credits:

Will this course be offered as Variable Credit? No

List Course Contact Hours

<table>
<thead>
<tr>
<th>Contact Hours</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture (11 Contact Hours : 1 Credit)</td>
<td>22</td>
</tr>
<tr>
<td>Lab (22 Contact Hours : 1 Credit)</td>
<td>0</td>
</tr>
<tr>
<td>Clinical Work (33 Contact Hours : 1 Credit)</td>
<td>0</td>
</tr>
<tr>
<td>Other (55 Contact Hours : 1 Credit)</td>
<td>0</td>
</tr>
</tbody>
</table>

Total Contact Hours 22
Total Credits 2
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:

Dennis Schaffer

Print Name

Signature

Dennis Schaffer

1/1/0001

Date

Dean:

Alissa D Agnello

Print Name

Signature

Alissa D Agnello

2/20/2017

Date

Results of NSCC Curriculum and Academic Standards Committee Findings

Participating Faculty Response and Remarks

X Recommended for approval

☐ Not recommended for approval

Chairman, Curriculum and Academic Standards Committee:

Denise G Brannan

Print Name

Signature

Denise G Brannan

2/21/2017

Date

Vice President for Instruction:

Kristen A Jones

Print Name

Signature

Kristen A Jones

2/23/2017

Date