CSC111 - Computers For Math And Science

Document Type: Master Course Outline
Proposal Type: Revision
Requester(s): Ravi Gandham
College: South
Origination Approved: 05/27/2015 - 3:59 PM

BASIC INFORMATION

Requester(s): Ravi Gandham
College: South Seattle College
Division/Dept: Academic Programs
Dean: Joseph C Shannon
Peer Reviewer(s): Rick A Downs
Laura Kingston

COURSE INFORMATION

Proposed Course Number:
Prefix: CSC
Number: 111

☐ Request a new Prefix
☐ This will be a common course

Full Title: Computers For Math And Science
Abbreviated Title: Computers For Math & Sci

Catalog Course Description: Learn to create and manage your own website with images, links, and multimedia. Use spreadsheet software for scientific calculations and to create graphs. Create a complete presentation using presentation software. Design and build a simple database using database software. Enhance your website with simple programs. Includes introduction to computer hardware, networks and privacy. Prereq: MATH 098 with a 2.0 or better. Lab fee. Transfers to UW as CSE/INFO 100.

Course Length: 11 Weeks ☐ Request an Exception

Topical Outline:

- Fundamentals of Computer Hardware
- Computer Operating Systems
- Spreadsheet Software
- Introduction to the Internet
- Introduction to Computer Networks
- Word Processing and Presentation Software
- Introduction to Databases
- Introduction to Computer Programming
### COURSE CODING

<table>
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<th>Funding Source:</th>
<th>State</th>
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<td>Institutional Intent:</td>
<td>Academic Transfer</td>
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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 to UW as CSE/INFO 100

**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:**
- 11.0101

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

**List Course Contact Hours**
- Lecture (11 Contact Hours : 1 Credit) 55
- Lab (22 Contact Hours : 1 Credit) 0
- Clinical Work (33 Contact Hours : 1 Credit) 0
- Other (55 Contact Hours : 1 Credit) 0

- Total Contact Hours 55
- Total Credits 5
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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<tr>
<th>Name</th>
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<th>Date</th>
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<tbody>
<tr>
<td>Ravi Gandham</td>
<td>Ravi Gandham</td>
<td>5/27/2015</td>
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Dean:

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Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

- [X] Recommended for approval
- [ ] Not recommended for approval

Chairman, Curriculum Coordinating Council:

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<tr>
<th>Name</th>
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<tr>
<td>Diane Schmidt</td>
<td>Diane Schmidt</td>
<td>5/12/2015</td>
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Vice President for Instruction:

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<tr>
<td>Peter Lortz</td>
<td>Peter Lortz</td>
<td>5/27/2015</td>
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