



Central
North
South
SVI

PHYS&114 - General Physics I With Lab

Document Type: Master Course Outline
Proposal Type: Revision
Requester(s): Rick A Downs Elizabeth Schoene
College: South
Origination Approved: 06/11/2014 - 9:58 AM

BASIC INFORMATION

Requester(s): Rick A Downs
Elizabeth Schoene

College: South Seattle Community College

Division/Dept: Academic Programs

Dean: Laura Kingston

Peer Reviewer(s): Sean Rogers

COURSE INFORMATION

Proposed Course Number:

Prefix: **PHYS&** Number: **114**

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

Full Title: General Physics I With Lab

Abbreviated Title: General Phys I W/Lab

Catalog Course Description:

First of three non-calculus-based courses covering the field of physics. Includes kinematics, vectors, forces, dynamics, work, energy, momentum, and rotation. Lab included.

Course Length: 11 Weeks Request an Exception

Course Prerequisite(s):

MATH 095 or MATH 098 with a 2.0 or higher and placement into ENGL&101 (N).

Topical Outline:

Major topics are listed below. Additional details are available in the College Supplemental MCO file for each campus.

- Units and Measurement
- Kinematics in 1-Dimension
- Vector Quantities
- Kinematics in 2-Dimensions
- Newton's Laws of Motion
- Applications of Newton's Laws
- Circular Motion
- Work and Energy
- Impulse, Linear Momentum, and Collisions
- Simple Rotational Motion

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

Please Describe:

This course transfers as General Physics I
Transfers to the UW as PHYS 114 (4 cr) and PHYS117 (1 cr)

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: 40.0801

Request Specific CIP Code

Credits:

Will this course be offered as Variable Credit? No

List Course Contact Hours

Lecture (11 Contact Hours : 1 Credit)	33
Lab (22 Contact Hours : 1 Credit)	44
Clinical Work (33 Contact Hours : 1 Credit)	0
Other (55 Contact Hours : 1 Credit)	0
Total Contact Hours	77
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:

Rick A Downs

Print Name

Rick A Downs

Signature

1/1/0001

Date

Elizabeth Schoene

Print Name

Elizabeth Schoene

Signature

1/1/0001

Date

Dean:

Laura Kingston

Print Name

Laura Kingston

Signature

5/30/2014

Date

Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

Recommended for approval

Not recommended for approval

Chairman, Curriculum Coordinating Council:

Diane Schmidt

Print Name

Diane Schmidt

Signature

6/10/2014

Date

Vice President for Instruction:

Donna Miller-Parker

Print Name

Donna Miller-Parker

Signature

6/11/2014

Date