



Central  
North  
South  
SVI

# PHYS&116 - General Physics III With Lab

Document Type: Master Course Outline  
Proposal Type: Revision  
Requester(s): Rick A Downs Elizabeth Schoene  
College: South  
Origination Approved: 06/11/2014 - 10:02 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: **116**

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

**Full Title:** General Physics III With Lab

**Abbreviated Title:** General Phys III W/Lab

### Catalog Course Description:

Continuation of PHYS& 115. Covers electromagnetic waves, optics, atomic and nuclear physics. Lab included.

**Course Length:** 11 Weeks  Request an Exception

### Course Prerequisite(s):

PHYS&114 with a 2.0 or higher, or permission (N); PHYS& 115 with a 2.0 or higher, or permission (C,S).

### Topical Outline:

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

- Oscillations and Simple Harmonic Motion
- Waves and Sound
- Superposition and Standing Waves
- Geometric Optics
- Wave Optics
- Optical Devices
- Modern Physics

**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 III.  
Transfers to UW as PHY 116 (4 cr) and PHY 119 (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