



SEATTLE COLLEGES

Central · North · South · SVI

MATH&146 - Introduction to Statistics

Document Type: Master Course Outline

Proposal Type: Revision

Requester(s): Frank Post

College: South

Origination Approved: 05/18/2017 - 9:21 AM

BASIC INFORMATION

Requester(s): Frank Post

College: South Seattle College

Division/Dept: Academic Programs

Dean: Stephanie A Delaney

Peer Reviewer(s): Ryan Dorman
John Toutonghi
Jian Zou

COURSE INFORMATION

Proposed Course Number:

Prefix: **MATH&** Number: **146**

Request a new Prefix

This will be a common course

Full Title: Introduction to Statistics

Abbreviated Title: Introduction to Stats

Catalog Course Description:

(Formerly MATH 109) Covers descriptive methods, probability and probability distributions, samples, decisions, hypothesis testing and statistical inferences. Fulfills QSR requirement for A.A. degree. Prereq: MATH 095, 098 or placement.

Course Length: 11 Weeks

Request an Exception

Topical Outline:

Topical Outline

1. The Nature of Statistics
2. Describing Data Using Graphs and Tables
3. Describing Data Numerically
4. Correlation and Regression
5. Probability
6. Probability Distributions
7. Sampling Distributions

- 8. Confidence Intervals
- 9. Hypothesis Testing

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:
 (No Distribution Areas Selected)

Will this course transfer to a 4-year university? **Yes**

Please Describe:
 This course transfers to all public 4-year institutions in the State of Washington. It also transfers to most private institutions as well.

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: 27.0501 Request Specific CIP Code

Credits:

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

Frank Post
Print Name

Frank Post
Signature

1/1/0001
Date

Dean:

Stephanie A Delaney
Print Name

Stephanie A Delaney
Signature

2/14/2017
Date

Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

- Recommended for approval
- Not recommended for approval

Chairman, Curriculum Coordinating Council:

Mary Elizabeth Beans
Print Name

Mary Elizabeth Beans
Signature

5/16/2017
Date

Vice President for Instruction:

Peter H Lortz
Print Name

Peter H Lortz
Signature

5/18/2017
Date