



Central
North
South
SVI

MATH092 - Descriptive Statistics With Algebra 2

Document Type: Master Course Outline Supplemental

Proposal Type: Adoption)

Requester(s): Frank Post

College: South

Origination Approved: 10/10/2013 - 10:46 AM

BASIC INFORMATION

Requester(s): Frank Post

College: South Seattle Community College

Division/Dept: Academic Programs

Dean: Laura Kingston

COLLEGE SUPPLEMENTAL

Proposed Quarter of Implementation: NA

Request Provisional Exception

Winter 2014 - This will be a fallow up course to the Fall 2013 offering of Math 091.

Class Capacity: 32

Modes of Delivery: (Check all that apply)

Fully On Campus

Fully Online

Hybrid

Other Explanation:

Class Schedule Description:

This course is the second in a sequence and provides an introduction to statistics and algebra. Topics for this course include exponents, exponential functions, a basic introduction to logarithms, linear functions and systems, factoring and quadratics, probability and probability distributions, and the normal distribution.

Student Learning Outcomes:

Communication

Read and listen actively to learn and communicate

Speak and write effectively for academic, and career purposes

Computation

Use arithmetic and other basic mathematical operations as required by program of study

Apply quantitative skills for academic, and career purposes

Critical Thinking and Problem-Solving

Think critically in evaluating information, solving problems, and making decisions

Technology

Select and use appropriate technological tools for academic, and career tasks

Program Outcomes:

1. Better transition from developmental math to college level math classes
2. Provide students with an environment that promotes intellectual curiosity and critical thinking

Course Outcomes/Objectives:

As a result of taking this course you will be able to:

- * Examine statistical studies and discuss an overview of the data analysis process
- * Analyze linear data graphically and numerically
- * Examine, use, and interpret bivariate data
- * Use appropriate technology as a tool for quantitative analysis
- * Discuss mathematics problems and write solutions in accurate mathematics language and notation
- * Interpret mathematical solutions

Explain the student demand for the course and potential enrollment:

This course is the second course of a sequence. This sequence is a "Pathway" under the Gates Foundation Grant.

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

10/9/2013
Date

Dean:

Laura Kingston
Print Name

Laura Kingston
Signature

10/9/2013
Date

Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

- Recommended for approval
 Not recommended for approval
 This course did not go through Committee Review

Chairman, Curriculum Coordinating Council:

Print Name

Signature

Date

Vice President for Instruction:

Donna Miller-Parker
Print Name

Donna Miller-Parker
Signature

10/10/2013
Date