



SEATTLE COLLEGES

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MATH&148 - Business Calculus

Document Type: Master Course Outline

Proposal Type: Revision

Requester(s): Lawrence Morales

College: Central

Origination Approved: 04/13/2018 - 6:27 AM

BASIC INFORMATION

Requester(s): Lawrence Morales

College: Seattle Central College

Division/Dept: Science, Technology, Engineering, and Math (STEM)

Dean: Wendelyn Rockhill

Peer Reviewer(s): Jonathan P Ursin

COURSE INFORMATION

Proposed Course Number:

Prefix: **MATH&** Number: **148**

Request a new Prefix

This will be a common course

Full Title: Business Calculus

Abbreviated Title: Business Calculus

Catalog Course Description:

Explores introductory topics in differential and integral calculus, with particular emphasis on understanding the principal concepts and their applications to business.

Course Length: 11 Weeks

Request an Exception

Topical Outline:

- Review of functions
- Introduction to limits
- Introduction to derivatives
- Applications of derivations and optimization
- Introductions to integration
- Techniques of integration
- Partial derivatives of functions of two variables with applications

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

Q/SR Quantitative Symbolic Reasoning

Will this course transfer to a 4-year university?

Yes

Please Describe:

This is a standard course that 4-year universities require for business majors. In addition, this course may transfer to the U of WA as Math 112.

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: 27.0103

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:

Lawrence Morales
Print Name

Lawrence Morales
Signature

1/1/0001
Date

Dean:

Wendelyn Rockhill
Print Name

Wendelyn Rockhill
Signature

2/7/2018
Date

Results of CSCC Origination Committee Findings

Participating Faculty Response and Remarks

- Recommended for approval
- Not recommended for approval

Chairman, Curriculum & Instruction Committee:

Jaime Jr. Cardenas
Print Name

Jaime Jr. Cardenas
Signature

4/11/2018
Date

Vice President for Instruction:

Bradley H Lane
Print Name

Bradley H Lane
Signature

4/13/2018
Date