



CHEM&131 - Intro To Organic Chemistry And Biochemistry

Document Type: Master Course Outline

Proposal Type: Revision

Requester(s): Jacob R Ashcraft

College: South

Origination Approved: 06/19/2013 - 1:04 PM

BASIC INFORMATION

Requester(s): Jacob R Ashcraft

College: South Seattle Community College

Division/Dept: Academic Programs

Dean: Chad Hickox

Peer Reviewer(s): Stephanie A Endsley
Laura Kingston

COURSE INFORMATION

Proposed Course Number:

Prefix: **CHEM&** Number: **131**

Request a new Prefix

This will be a common course

Full Title: Intro To Organic Chemistry And Biochemistry

Abbreviated Title: Intro To Organic/Biochem

Catalog Course Description:

Covers the structure, properties and reactions of various organic compounds, including hydrocarbons, alcohols, aldehydes, ketones, carboxylic acids and amines. Examines complex compounds found in living systems: carbohydrates, lipids, proteins, and nucleic acids. Lab focuses on analysis and separation techniques.

Course Length: 11 Weeks

Request an Exception

Course Prerequisite(s):

CHEM& 121 with 2.0 or higher.

Topical Outline:

1. Alkanes
2. Unsaturated Hydrocarbons
3. Alcohols, Phenols, Ethers
4. Aldehydes & Ketones
5. Carbohydrates
6. Carboxylic Acids and Esters
7. Lipids
8. Amines and Amides
9. Proteins & Enzymes / Nucleic Acids

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 is a commonly offered Chemistry course at four year schools.

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: 40.0501

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)	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:

Jacob R Ashcraft
Print Name

Jacob R Ashcraft
Signature

1/1/0001
Date

Dean:

Chad Hickox
Print Name

Chad Hickox
Signature

5/31/2013
Date

Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

- Recommended for approval
 Not recommended for approval

Chairman, Curriculum Coordinating Council:

Tim Walsh
Print Name

Tim Walsh
Signature

6/14/2013
Date

Vice President for Instruction:

Donna Miller-Parker
Print Name

Donna Miller-Parker
Signature

6/19/2013
Date