

LSC Use Only

Number: _____

Action: _____

Date: _____

UWUCC Use Only

Number: 9138

Action: _____

Date: _____

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. Title/Author of Change

Course/Program Title: CH 114-Basic Inorganic Chemistry

Suggested 20 Character Course Title: _____

II. If a course, is it being Proposed for:

X

Course Revision/Approval Only

Course Revision/Approval and Liberal Studies Approval

Liberal Studies Approval Only (course previously has been approved by the University Senate)

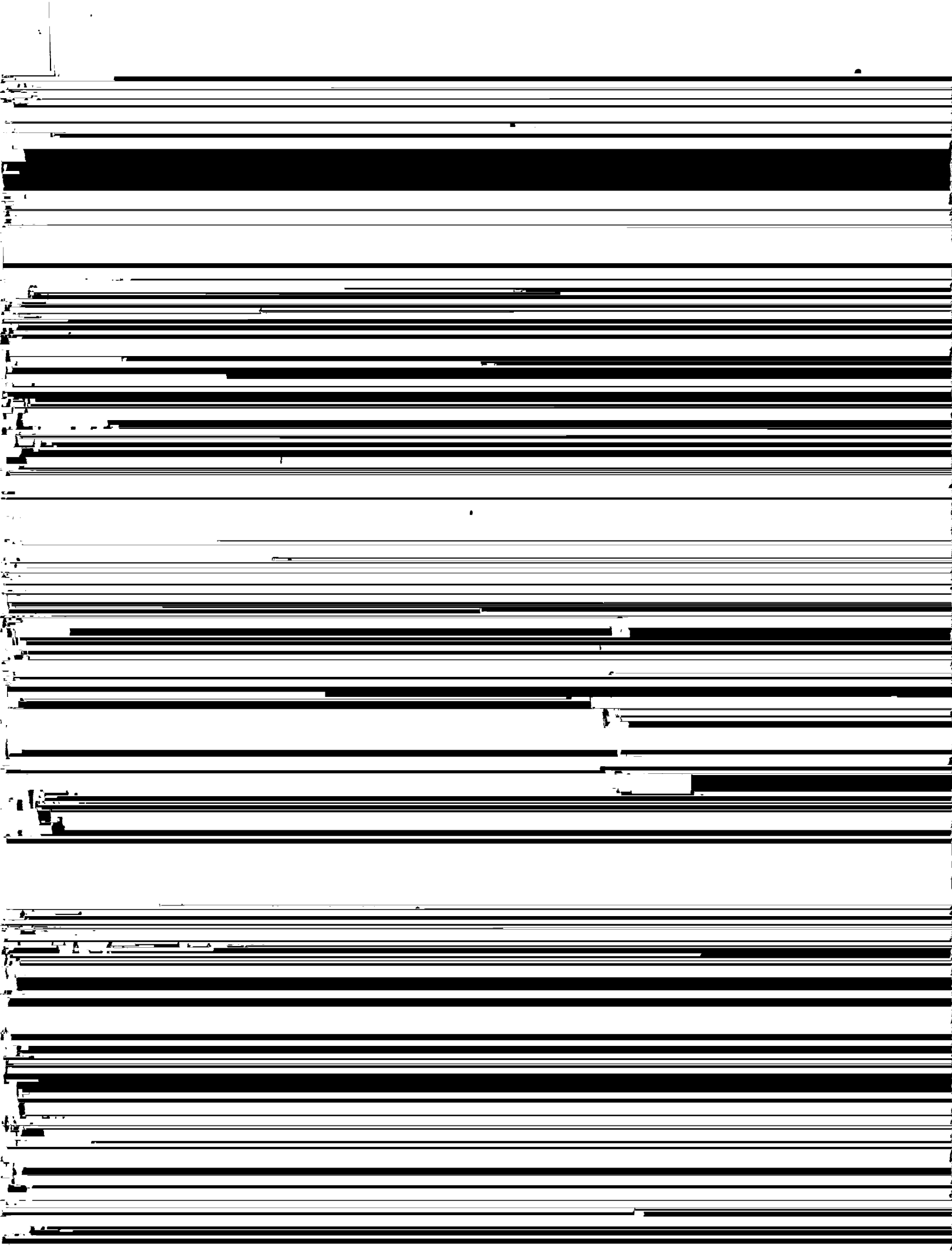
Catalog Description

CH 114 Basic Inorganic Chemistry

var 2 or 4 credits
3 lecture hours
3 lab hours
(3c-3l-4sh)

Prerequisite: CH 113 (4 credits) or CH 111 and CH 112 (2 credits)

Continuation of Concepts in Chemistry. Topics include chemical kinetics, equilibrium and thermodynamics, acids and bases, electrochemistry, coordination chemistry and descriptive chemistry of selected elements.



II. Course Objectives

F. Coordination Compounds (5 lectures)

1. Basic characteristics of coordination compounds
2. Structures of coordination compounds
3. Bonding and color in coordination compounds

G. The Chemistry of Hydrogen and the d-Block Elements

VII. Bibliography

Mortimer, C. Chemistry, Wadsworth: New York, 1986.

Kotz, J.C.; Purcell, K.F. Chemistry and Chemical Reactivity,
Saunders: Philadelphia, 1987.

Cotton, F. A. ; Wilkinson, G. Advanced Inorganic Chemistry, John

4. Rationale/Justification for the Change

6

For certification of the IUP B.S. degree by the American Chemical Society's Committee on Professional Training (ACS-CPT) there must be equal emphasis placed on each aspect of the

[The body of the document is almost entirely obscured by heavy horizontal black redaction bars, with only a few faint lines of text visible.]

Appendix

1. Letter from American Chemical Society's Committee on Professional Training (ACS-CPT)
2. Selected pages from ACS-CPT handbook
3. Previous course syllabus for CH 114



COMMITTEE MEMBERS

MEMBER OF THE BOARD OF DIRECTORS

COMMITTEE ON PROFESSIONAL TRAINING

MEMBER OF THE BOARD OF DIRECTORS



Undergraduate Fall 1983

T

m
n
ol
m
at

qu
an
se
sl

an
co
hr
sat
line
exc

che
one
con
calc

A
Cor
diff
nre

C
app
vend
sysl

Ad

In
hou
port
site.

CH 114

I. CATALOG DESCRIPTION

4 credits
3 lecture hours
3 laboratory hours

CH 114 Concepts in Chemistry II

Prerequisite: CH 113

Continuation of Concepts in Chemistry I. Topics covered include

C. Chemical Equilibrium(7 Lectures)

1. Fundamental concepts and equilibrium constant
2. Equilibrium calculations

VII. BIBLIOGRAPHY

Mortimer, C., Chemistry. Wadsworth, 1966

Reynolds, T. L. and LeMay, H. E. Chemistry: The Central Science

CH 114 LAB SCHEDULE
Spring 1989

<u>Date</u>	<u>Experiment</u>	<u>Title</u>
January 21	Handout	Check-in: Introduction