SEATTLE COMMUNITY COLLEGES COURSE CODING APPROVAL FORM

College No.  63
Date 10/05/02
Submitted by Patricia Clark  Phone # 528-4523

☐ Add to inventory effective  2003/Winter year/quarter
☐ Delete from inventory effective  _____ year/quarter  10/8/02
☐ Change to another CIP Code  List old CIP Code  _____
☐ Title Change only  List old title  _____
☐ Change status for AA degree requirements (Academic Transfer courses only. See #5 below)
☐ Other (specify)  _____

Div/Dept  Office of Instruction/Watch Technology Institute
Course No. HIN 223  CIP Code 47 • 0408
Institutional Intent 21

1. Is this course a requirement for an approved Vocational Preparatory program?
   ☐ Yes  ☐ No  If yes, list Educational Program Code/EPC:  _____

2. Does this course imply: Limited English Proficiency?  ☐ Yes  ☐ No
3. Does this course imply: Academic Disadvantaged?  ☐ Yes  ☐ No
4. Does this course contain a workplace training component?  ☐ Yes  ☐ No
5. Which, if any, AA Degree requirement(s) will this course satisfy? (Academic Transfer Courses only)

A. Special Requirements?
   ☐ Q Math/Q (Quantitative Reasoning)
   ☐ C Communication (Studies and Applications)

B. Distribution Areas
   ☐ Language and Communication
   ☐ Literature/History of Ideas
   ☐ Music, Art, and Drama
   ☐ Individuals and Societies
   ☐ United States Cultures
   ☐ Global Studies
   ☐ The Physical Universe
   ☐ The Living World
   ☐ Science, Tech., & Environment

Credits  2  Is this a variable credit class?  ☐ Yes  ☐ No  Faculty Contact Hours  187
Student Contact Hours:  Lecture 33  Lab 154  Clinical  Other  System  Total

Mary E. Kruse  10/3/02
Originating Administrator Signature  Date

Concurring Administrator/SSCC  Date

Vice President of Instruction  10/2/02

Course/Changes on-line:  1/8/02  Date:  Approval:  1/8/02
NEW COURSE TRANSMITTAL FORM 10/8/02

Division: Watch Technology Institute  
Course Number: HIN 223

Course Name: Watch Technology VI: Practicum  
Contact Person: Patricia Clark  
Phone Number: 528-4523

Comments: (Impact on existing college equipment in inventories and facilities, requirements on new equipment and facilities, information for advising, possible effect on library, media center, computer labs, copy center, and other college operations.

The Watch Technology Institute maintains its own library or resources. The program coordinator and faculty are the advisors for this program.

Approval by Division: Yes: X  
No: Date: 8/4/2002

Approval by TAC: Yes: X  
No: Date: 9/18/2002

(fif professional/technical course)

Course to be offered as Distance Learning? Yes: No: X

Areas of Knowledge (for transfer courses only): Committee chairs, initial and date)

Language & Communication  
Music, Art & Drama  
US Cultures  
The Physical Universe  
Science, Technology & the Environment  
Math "Q" Course  

Literature/History of Ideas  
Individuals & Societies  
Global Studies  
The Living World  
Communication "C"

Attach course outline and route original form to: (initial and date)

Advising Center:  
Library/Media:

Instructional Computing:  
Credentials:

Curriculum and Academic Standards Committee comments:

CHSC approved 10/08/02 Linda Edle.

Recommend Approval: Yes:  
No: Date:

Signatures:  
Vice President for Instruction—NSCC  
Dean/Associate Dean—SSCC  
Dean/Associate Dean—SCCC

New Course Transmittal Document 2002 (pb/lr 8/1/02)
## Course Establishment Form

### Outline

- **Division:** Office of Instruction  
- **Program/Dept:** Watch Technology Institute

### Course Details

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Credits</th>
<th>Variable</th>
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<tbody>
<tr>
<td>HIN 223</td>
<td>10</td>
<td></td>
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### Inst. Intent

- 21 Vocational Preparatory

### CIP

- 47.0408

### Fee

- Yes: X  
- No: 

### Course Title

Watch Technology VI: Practicum

### Inst. Intent

- 21 Vocational Preparatory

### Degree/Certificate Requirement

- Yes: X  
- No: 

### Name of Degree/Certificate

- Wostep Certificate(External), Watch Technology Certificate, Watch Technology

### Transfer Status to 4-year institution

- Yes: X  
- No: 

### Distribution Requirement for AA/AAS

- Yes:  
- No: 

### Course length

- 1 qtr., 11 wks.

### Course Contact Hours

- 187
  - Lecture: 33 hrs.  
  - Lab: 154 hrs.
  - Clinical: Other: System: 

### Prerequisite

- Yes: X  
- No: 

### Required Placement Tests

- Yes: X  
- No: 

### Comments

This course is taken in conjunction with HIN 221 and HIN 222.

### Course Description

This is a ten credit Practicum in which students will apply the information and knowledge gained in HIN 221 and HIN 222. In the lab environment students will practice repairing automatic watches and continue working on precision timing. Students will further develop their skills of identification and application of the appropriate tools and equipment while exercising safety precautions in a horological repair shop.

### Course Goals
NSCC General Education Learning Outcomes and/or Related Instructional Outcomes (for technical courses) Met by Course:

1. 

Course Outcomes/Learning Objectives:

1. Demonstrate artistry and craftsmanship to produce quality work.
2. Apply the skills learned in precision timing and automatic watch repair.

Topical Outline and/or Major Divisions:

I. Fitting a balance spring
   A. Fitting the collet
      1. Pinning the spring to the collet
      2. Truing @ the collet
      3. Centering @ the collet
   B. Counting the balance and balance spring
   C. Poising the balance spring (application of Le Roy’s theory)
   D. Fitting the stud
      1. Determine total length of the spring
   E. Centering the balance spring in relation to the regulator
   F. Center and true the spring to the bridge

II. Automatic watches
   A. Cleaning automatic systems
   B. Control of the automatic system
   C. Lubrication

Course Requirements (Expectations of Students)

Students practice their knowledge of precision timing and automatic watch repair.

Students will be expected to demonstrate the ability to perform specific competencies listed under Course Outcomes/Learning Objectives.

Methods of Assessment/Evaluation:

1. Written and practical tests.
2. Lab assignments.
3. Final grades are assigned according to published grading standards for course.

Required Text(s) and/or Materials:

As determined by instructor.
Supplemental Text(s) and/or Materials:
As required by instructor.

Outline Developed by: Elaine Rolf/Patricia Clark
Date: 10/4/02

Outline Revised by: 
Date: 

Course Establishment Form 2001
le 10/11/01