

# Washtenaw Community College Comprehensive Report

## SUR 180 Surgical Procedures I Effective Term: Winter 2014

### Course Cover

**Division:** Math, Science and Health

**Department:** Allied Health

**Discipline:** Surgical Technology

**Course Number:** 180

**Org Number:** 15320

**Full Course Title:** Surgical Procedures I

**Transcript Title:** Surgical Procedures I

**Is Consultation with other department(s) required:** No

**Publish in the Following:** College Catalog , Time Schedule , Web Page

**Reason for Submission:** New Course

**Change Information:**

#### **Course description**

**Rationale:** Curriculum updated. Conditionally approved - seeking full approval.

**Proposed Start Semester:** Winter 2014

**Course Description:** In this course, students will be introduced to diagnostic and surgical procedures used in general surgery, obstetrics and gynecological surgery, as well as genitourinary procedures. This course provides a study of anatomy and physiology, pathophysiology, pharmacology and microbiology as it relates to surgical intervention.

### Course Credit Hours

**Variable hours:** No

**Credits:** 3

**Lecture Hours: Instructor:** 45 **Student:** 45

**Lab: Instructor:** 0 **Student:** 0

**Clinical: Instructor:** 0 **Student:** 0

**Total Contact Hours: Instructor:** 45 **Student:** 45

**Repeatable for Credit:** NO

**Grading Methods:** Letter Grades

Audit

**Are lectures, labs, or clinicals offered as separate sections?:** NO (same sections)

### College-Level Reading and Writing

College-level Reading & Writing

### College-Level Math

#### Requisites

**Prerequisite**

SUR 110 minimum grade of C+

and

**Corequisite**

SUR 181

### General Education

### Request Course Transfer

**Proposed For:**

## Student Learning Outcomes

1. Describe the different diagnostic procedures used to determine surgical intervention.

### **Assessment 1**

**Assessment Tool:** Essay question on a specific surgical procedure

**Assessment Date:** Spring/Summer 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** all

**Number students to be assessed:** all

**How the assessment will be scored:** rubric

**Standard of success to be used for this assessment:** 80% of students will score 80% or higher in the outcome related question.

**Who will score and analyze the data:** Departmental Faculty

2. Integrate variations of surgical case management according to the surgical procedure.

### **Assessment 1**

**Assessment Tool:** Embedded multiple choice questions on exams

**Assessment Date:** Fall 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** all sections

**Number students to be assessed:** all students

**How the assessment will be scored:** answer key

**Standard of success to be used for this assessment:** 80% of students will score 80% or higher on this outcome based test.

**Who will score and analyze the data:** Departmental Faculty

3. Identify the relevant anatomy and physiology as it relates to the surgical procedure.

### **Assessment 1**

**Assessment Tool:** embedded multiple-choice questions on exams

**Assessment Date:** Spring/Summer 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** all sections

**Number students to be assessed:** all students

**How the assessment will be scored:** answer key

**Standard of success to be used for this assessment:** 80% of the students will score 80% or higher on this outcome based test.

**Who will score and analyze the data:** Departmental Faculty

## Course Objectives

1. Identify the different diagnostic procedures.

### **Matched Outcomes**

2. Categorize the surgical procedures in: general surgery, gynecology, genitourinary and obstetric.

### **Matched Outcomes**

3. Explain the relationship between instrumentation, equipment, and supplies and the or environment with safety concepts.

### **Matched Outcomes**

4. Differentiate the types of special equipment utilized in OR practices.

### **Matched Outcomes**

5. Recognize the relevant anatomy and physiology related to surgical procedures.

### **Matched Outcomes**

6. Determine any specific variations related to the pre-operative, intra-operative and post-operative care of the general surgery patient.

### **Matched Outcomes**

7. Indicate the pathology and related terminology of each system or organ that prompts surgical intervention.

**Matched Outcomes**

8. Summarize the surgical steps of the illustrative general, gynecological and obstetric, and genitourinary surgery.

**Matched Outcomes**

9. Propose the intra-operative preparations of the patient specific to the illustrative procedure.

**Matched Outcomes**

**New Resources for Course**

**Course Textbooks/Resources**

Textbooks

Manuals

Periodicals

Software

**Equipment/Facilities**

**Reviewer**

**Faculty Preparer:**

*Paulette Woods-Ramsey*

**Department Chair/Area Director:**

*Connie Foster*

**Dean:**

*Martha Showalter*

**Vice President for Instruction:**

*Bill Abernethy*

**Action**

*Faculty Preparer*

*Recommend Approval*

*Recommend Approval*

*Approve*

**Date**

*Dec 09, 2013*

*Dec 16, 2013*

*Dec 16, 2013*

*Jan 15, 2014*