

Washtenaw Community College Comprehensive Report

SUR 170 Surgical Pharmacology Effective Term: Spring/Summer 2015

Course Cover

Division: Math, Science and Health

Department: Allied Health

Discipline: Surgical Technology

Course Number: 170

Org Number: 15320

Full Course Title: Surgical Pharmacology

Transcript Title: Surgical Pharmacology

Is Consultation with other department(s) required: No

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

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Course description

Objectives/Evaluation

Rationale: Proposed Start Semester: Winter 2015. Changes required for accreditation.

Proposed Start Semester: Winter 2014

Course Description: In this course, students will define anesthesia, and be introduced to the duties and roles performed by the OR team during drug administration. Students will learn to identify the actions, uses, side effects, contraindications and administration of drugs and anesthetic agents in the care of the surgical patients. Safe practices and sterile techniques used in anesthesia procedures will be emphasized. Students will become familiar with anesthesia equipment, supplies, terminology and medications used in surgery.

Course Credit Hours

Variable hours: No

Credits: 2

Lecture Hours: Instructor: 30 Student: 30

Lab: Instructor: 0 Student: 0

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 30 Student: 30

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

Admission to Surgical Technology Program.

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Demonstrate the procedure for identifying a drug or solution on the sterile field.

Assessment 1

Assessment Tool: skills check off evaluation tool

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: departmentally-developed rubric

Standard of success to be used for this assessment: 80% of students will score 80% or higher on the outcomes based related questions.

Who will score and analyze the data: Departmental Faculty

2. Assess the different methods of drug administration and anesthetic agents.

Assessment 1

Assessment Tool: embedded multiple choice questions on exam

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 students will score 75% or higher on the outcome related questions.

Who will score and analyze the data: Departmental Faculty

3. Identify the action, uses, side effects and contradictions of drugs.

Assessment 1

Assessment Tool: embedded multiple choice questions on exam

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 students will score 75% or higher on the outcome related questions.

Who will score and analyze the data: Departmental Faculty

Course Objectives

1. Demonstrate care and handling of medications and solutions.

Matched Outcomes

2. Compare and contrast methods, agents, and techniques of anesthesia administration and preparation.

Matched Outcomes

3. Identify preoperative medications used in the care of the surgical patient.

Matched Outcomes

4. Identify basic drug classifications.

Matched Outcomes

5. Identify concepts of drug administration, assessment used to determine anesthesia choice, pharmacology math and medication measurements.

Matched Outcomes

6. Identify drug categories, general and local anesthesia and alternative anesthesia methods.

Matched Outcomes

7. Discuss pre-operative, intra-operative and post-operative anesthesia agents. Discuss the assessments used to determine anesthesia choice for surgical intervention.

Matched Outcomes

8. Analyze complications of anesthesia.

Matched Outcomes

New Resources for Course

Course Textbooks/Resources

Textbooks

Snyder, K., & Keegan, C.. *Pharmacology for the Surgical Technologist*, 3rd ed. ELSEVIER, 2012, ISBN: 9781437710021.

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

Computer workstations/lab

Reviewer

Action

Date

Faculty Preparer:

Paulette Woods-Ramsey

Faculty Preparer

Nov 22, 2014

Department Chair/Area Director:

Connie Foster

Recommend Approval

Nov 24, 2014

Dean:

Kristin Brandemuehl

Recommend Approval

Nov 25, 2014

Vice President for Instruction:

Bill Abernethy

Approve

Jan 23, 2015