

Washtenaw Community College Comprehensive Report

CMC 230 Laboratory Procedures for Medical Assistants Effective Term: Winter 2015

Course Cover

Division: Math, Science and Health

Department: Allied Health

Discipline: Clinical Medical Certification

Course Number: 230

Org Number: 15900

Full Course Title: Laboratory Procedures for Medical Assistants

Transcript Title: Lab Procedur for Med Assistant

Is Consultation with other department(s) required: No

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

Reason for Submission:

Change Information:

Total Contact Hours

Rationale: The lab hours are being changed to 75, as the content covered in this course will need additional lab time.

Proposed Start Semester: Winter 2015

Course Description: In this course, medical assisting students will gain practical experience in the collection and handling of various specimens in the laboratory. Students will perform and document test results such as: blood tests, ECG's and Spirometry. Lab activities performed may include obtaining cultures, basic microbe identification, routine urinalysis, hematology and other basic Non-CLIA lab testing. Students will practice skills such as: interviewing and educating patients and explaining test results. The title of this course was previously Laboratory Procedures.

Course Credit Hours

Variable hours: No

Credits: 2

Lecture Hours: Instructor: 0 Student: 0

Lab: Instructor: 75 Student: 75

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 75 Student: 75

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

Level 3

Requisites

Prerequisite

Admission to the Medical Assisting program.
and

Prerequisite

CMC 114 minimum grade "C+"
and

Prerequisite

CMC 116 minimum grade "C+"
and

Prerequisite

CMC 226 minimum grade "C+"
and

Prerequisite

BOS 185 minimum grade "C+"

General Education**Request Course Transfer**

Proposed For:

Student Learning Outcomes

1. Recognize and demonstrate the responsibilities of medical assistants in the areas of gynecology, obstetrics, urology, pediatrics and geriatrics. This includes the delivery of parenteral medications that are within the scope of practice.

Assessment 1

Assessment Tool: Skills Summary Sheet

Assessment Date: Spring/Summer 2017

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: Each skill performed will be evaluated and logged by the completion of the task.

Standard of success to be used for this assessment: 80% of students will successfully pass 100% of the initial skills check-off procedures in class.

Who will score and analyze the data: Departmental Faculty

Assessment 2

Assessment Tool: Departmental test

Assessment Date: Spring/Summer 2017

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: Objective portions of the test will be scored using an answer key. Essay questions will be scored using a departmentally-developed rubric.

Standard of success to be used for this assessment: 80% of students will score 75% or better on the exam.

Who will score and analyze the data: Departmental Faculty

2. Demonstrate and recognize the use and maintenance of machines and equipment used in the laboratory. Prepare and maintain maintenance logs for each.

Assessment 1

Assessment Tool: Skills Summary Sheet

Assessment Date: Spring/Summer 2017

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: Each skill performed will be evaluated and logged by the completion of the task.

Standard of success to be used for this assessment: 80% of students will

successfully pass 100% of the initial skills check-off procedures in class.

Who will score and analyze the data: Departmental Faculty

Assessment 2

Assessment Tool: Departmental test

Assessment Date: Spring/Summer 2017

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: Objective portions of the test will be scored using an answer key. Essay questions will be scored using a departmentally-developed rubric.

Standard of success to be used for this assessment: 80% of students will score 75% or higher on the exam.

Who will score and analyze the data: Departmental Faculty

3. Collect specimens, perform various diagnostic testing. Interpret and document all tests and results.

Assessment 1

Assessment Tool: Skills Summary Sheet

Assessment Date: Spring/Summer 2017

Assessment Cycle: Every Three Years

Course section(s)/other population: All Students

Number students to be assessed: All Sections

How the assessment will be scored: Each skill performed will be evaluated and logged by the completion of the task.

Standard of success to be used for this assessment: 80% of students will successfully pass 100% of the skills check-off procedures in class on their first attempt.

Who will score and analyze the data: Departmental Faculty

Assessment 2

Assessment Tool: Departmental test

Assessment Date: Spring/Summer 2017

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: Objective portions of the test will be scored using an answer key. Essay questions will be scored using a departmentally-developed rubric.

Standard of success to be used for this assessment: 80% of students will score 75% or higher on the exam.

Who will score and analyze the data: Departmental Faculty

Course Objectives

1. Maintain laboratory test results using flow sheets.

Matched Outcomes

2. Explain the rationale for performance of a procedure to the patient.

Matched Outcomes

3. Perform an electrocardiogram.

Matched Outcomes

4. Perform pulmonary function testing.

Matched Outcomes

5. Collect specimens for all non-CLIA lab testing.

Matched Outcomes

6. Perform CLIA waived immunology testing.

Matched Outcomes

7. Perform CLIA waived hematology testing.

Matched Outcomes

8. Perform CLIA waived chemistry testing.

Matched Outcomes

- 9. Perform CLIA waived microbiology testing.

Matched Outcomes

- 10. Perform CLIA waived urinalysis.

Matched Outcomes

- 11. Screen test results.

Matched Outcomes

- 12. Distinguish between normal and abnormal test results.

Matched Outcomes

- 13. Perform quality control measures in the laboratory.

Matched Outcomes

- 14. Prepare items for autoclaving.

Matched Outcomes

- 15. Perform sterilization procedures in the laboratory.

Matched Outcomes

- 16. Display sensitivity to patients' rights and feelings in collecting specimens.

Matched Outcomes

- 17. Show awareness of the patients' concerns regarding their perceptions related to the procedure being performed.

Matched Outcomes

- 18. Respond to nonverbal communication during a procedure.

Matched Outcomes

- 19. Administer parenteral (excluding IV) medications.

Matched Outcomes

- 20. Assist the physician with patient care.

Matched Outcomes

- 21. Practice within the standard of care for a medical assistant.

Matched Outcomes

New Resources for Course

Course Textbooks/Resources

- Textbooks
- Manuals
- Periodicals
- Software

Equipment/Facilities

Reviewer

Faculty Preparer:

Sherry Bishop

Department Chair/Area Director:

Connie Foster

Dean:

Kristin Brandemuehl

Vice President for Instruction:

Bill Abernethy

Action

Faculty Preparer

Recommend Approval

Recommend Approval

Approve

Date

Aug 25, 2014

Aug 26, 2014

Aug 28, 2014

Sep 23, 2014