

<p style="text-align: center;">Course Outcomes Guide Spring 2015</p>
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Course/Program Title: MAP 210 Clinical Medical Assistant

Date: 5/14/2015 **FA14 & SP15 semesters**

Course/Program Team: Melanie Rowland

Expected Learning Outcomes:

1. Identify and apply the significance of respecting cultural, religious, and age related values and beliefs.
2. Demonstrate ability/competence while performing clinical skill set requirements.
3. Apply all standard precautions and sterile technique with proficiency for all clinical skill sets.
4. Using interpersonal skills, demonstrate ability to apply oral, written and electronic communication skills in documentation and education for patient care.
5. Demonstrate using normal and abnormal signs and symptoms change in condition and report and record to physician per policy.
6. Demonstrate knowledge of HIPPA Compliance and scope of practice including documentation and reporting.

Assessment

Course completion: Number passing.

Course Outcomes: Common final exam for item analysis:

- CO 1 Question 93 (medications and the elderly)
- CO 1 Question 94 (depression in the elderly)
- CO 1 Question 95 (symptoms of depression in the elderly)
- CO 1 Question 111 (male patient-female physician)
- CO 1 Question 112 (Male patient gowning)
- CO 2 Question 32 (elevated body temp)
- CO 2 Question 33 (order of child vital signs)
- CO 2 Question 34 (correlation high pulse, respirations)
- CO 2 Question 48 (hypotensive patient)
- CO 3 Question 123 (stop bleeding)
- CO 3 Question 125 (first aid patient education)
- CO 3 Question 126 (triage)
- CO3 Question 137 (disposal of expired non-controlled drugs)

- CO 4 Question 20 (effective data collection)
- CO 4 Question 21 (ineffective data collection)
- CO 4 Question 22 (closed ended questions)
- CO 4 Question 24 ("P" SOAP note section)
- CO 4 Question 25 ("S" SOAP note section)
- CO 5 Questions 72, 76-79 (correct medical terms patient conditions)
- CO 6 Questions 17-19 (HIPAA regulations and requirements)

Clinical Competencies (CO 2): Number passing with an average score of 75% or greater.

Validation

Course Completion:

Completion of course with an average grade of 75% or greater.

Course Outcomes:

75% of students will correctly answer final exam questions

75% of students will achieve an average score of 75% for clinical competencies

Results

Course Completion: (N=19)

95% (18/19 students) completed course with a grade of 75% or greater

Course Outcomes: Clinical Competencies (N=18)

100% (18/18 students) satisfactorily completed all laboratory competencies with a grade of 75% or greater

Course Outcomes: Final Exam questions (N=18)

CO 1	Male pt- female physician	100%
CO 1	Male pt gowning	100%
CO 1	Depression in the elderly S	89%
CO 1	Elderly pt	95%
CO 1	Depression in the elderly TX	95%
CO 2	Correlation P/R	100%
CO 2	Increased body T	78%
CO 2	Hypotension	89%

CO 2	Order child VS	95%
CO 3	OSHA Gloving VS	100%
CO 3	OSHA Gloving T	100%
CO 3	Vaccine Injection	100%
CO 3	Bleeding pt	95%
CO 4	Close ended questions	94%
CO 4	SOAP note P	95%
CO 4	SOAP note A	72%
CO 4	Effective question	78%
CO 4	Ineffective question	83%
CO 5	Correct medical terms per condition	78%
CO 5	Correct medical terms per condition	12%
CO 5	Correct medical terms per condition	94%
CO 5	Correct medical terms per condition	63%
CO 5	Correct medical terms per condition	95%
CO 6	Disposing of drugs	61%
CO 6	HIPAA regulations and requirements	89%
CO 6	HIPAA regulations and requirements	89%

Follow-up

Course completion:

Encourage students who have stopped attending to withdraw if their financial aid package allows them to.

Course Outcomes:

The instructor change was accompanied by developing Moodle based outcomes for the course. The primary area needing improvement in the student's ability to retain correct medical terminology describing disease states so the instructor will be introducing more homework assignments in this area in the fall of 2015.

Use of an electronic medical record was introduced to students this academic year and there is room for improvement in Course Outcome area 4 regarding documentation using SOAP methodology. The exercises with the electronic medical record will be adjusted in fall 2015.

Lastly there has been significant improvement in student understanding of the legal aspects of drug disposal over academic year 2013-14 due to an increased amount of time spent in the course on pharmacology. This effort will continue into the next academic year.

Budget Justification

None required at this time.