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**Course Outcomes Guide**
**Spring 2016**

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**Course/Program Title:**      **MAP 210 Clinical Medical Assistant**

**Date:  5/25/2016**      **FA15 & SP16 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 (medications and the elderly)
CO 1   Question (depression in the elderly)
CO 1   Question (symptoms of depression in the elderly)
CO 1   Question (male patient-female physician)
CO 1   Question (Male patient gowning)
CO 2   Question (elevated body temp)
CO 2   Question (order of child vital signs)
CO 2   Question (correlation high pulse, respirations)
CO 2   Question (hypotensive patient)
CO 3   Question (stop bleeding)
CO 3   Question (first aid patient education)
CO 3   Question (triage)
CO3    Question (disposal of expired non-controlled drugs)

CO 4  Question (effective data collection)
CO 4  Question (ineffective data collection)
CO 4  Question (closed ended questions)
CO 4  Question ("P" SOAP note section)
CO 4  Question ("S" SOAP note section)
CO 5  Questions (correct medical terms patient conditions)
CO 6  Questions (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=20)

100% (20/20 students) completed course with a grade of 75% or greater

### Course Outcomes:    Clinical Competencies (N=18)

100% (20/20 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 | 75% |
| CO 1 | Elderly pt | 85% |
| CO 1 | Depression in the elderly TX | 85% |
| CO 2 | Correlation P/R | 95% |
| CO 2 | Increased body T | 85% |
| CO 2 | Hypotension | 90% |

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| | | |
|---|---|---|
| CO 2 | Order child VS | 75% |
| CO 3 | OSHA Gloving VS | 100% |
| CO 3 | OSHA Gloving T | 95% |
| CO 3 | Vaccine Injection | 95% |
| CO 3 | Bleeding pt | 95% |
| CO 4 | Close ended questions | 100% |
| CO 4 | SOAP note P | 95% |
| CO 4 | SOAP note S | 65% |
| CO 4 | Effective question | 85% |
| CO 4 | Ineffective question | 95% |
| CO 5 | Correct medical terms per condition | 100% |
| CO 5 | Correct medical terms per condition | 38% |
| CO 5 | Correct medical terms per condition | 95% |
| CO 5 | Correct medical terms per condition | 84% |
| CO 5 | Correct medical terms per condition | 95% |
| CO 6 | Disposing of drugs | 80% |
| CO 6 | HIPAA regulations and requirements | 90% |
| CO 6 | HIPAA regulations and requirements | 95% |

**Follow-up**

**Course completion:**

No recommendations for this year.

**Course Outcomes:**

The primary area needing improvement in the student's ability to retain correct medical terminology describing conditions so the instructor will be have students demonstrate these conditions in the classroom.

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. More time will be spent during documentation lab correlating exercises to the correct area of the SOAP note.