Course Outcomes Guide  
Spring 2015

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)
CO 3 Question 137 (disposal of expired non-controlled drugs)
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)

<table>
<thead>
<tr>
<th>CO 1</th>
<th>Male pt- female physician</th>
<th>100%</th>
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<tbody>
<tr>
<td>CO 1</td>
<td>Male pt gowning</td>
<td>100%</td>
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<tr>
<td>CO 1</td>
<td>Depression in the elderly S</td>
<td>89%</td>
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<tr>
<td>CO 1</td>
<td>Elderly pt</td>
<td>95%</td>
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<tr>
<td>CO 1</td>
<td>Depression in the elderly TX</td>
<td>95%</td>
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<tr>
<td>CO 2</td>
<td>Correlation P/R</td>
<td>100%</td>
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<tr>
<td>CO 2</td>
<td>Increased body T</td>
<td>78%</td>
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<tr>
<td>CO 2</td>
<td>Hypotension</td>
<td>89%</td>
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</tbody>
</table>
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.