

# Course Syllabus

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**Course Code: MW 365**

**Course Title: Newborn Pharmacology**

**Credits: 0.5**

**Course Description:** This course covers the various allopathic and non-allopathic medications that might be used for the care of a newborn in the postpartum stage. The student will learn about the use of oxygen and medications that aid in the resuscitation of a newborn. The various options for ophthalmic and vitamin K prophylaxis are covered in detail.

This course uses current research in midwifery and obstetrics to broaden the student's understanding of the NARM skills and MEAC essential competencies learned under clinical supervision.

## **Learning Objectives**

**Learning objectives** are identified through the linking of MEAC Essential Competencies and the NCM Degree Qualification Profile.

## **Learning Activities**

1. Student reads appropriate sections from the Learning Materials/Resources.
2. Student answers the questions listed in the didactic assessments by researching the learning materials/resources for the course and correctly citing the sources and page numbers for each of their answers.
3. Student presents the answers to the questions listed in the didactic assessments for review by preceptor.
4. Student participates in preceptor elaboration/discussion of didactic assessments.
5. Student participates in recommended role-playing and/or clinical interactions

*Note: The clinical requirement of NARM /Clinical Skills is completed at any time throughout the ASM apprenticeship during actual clinical practice and is NOT a requirement to complete this academic course. Typical clinical manifestations of knowledge learned in this course are identified in the learning objective document above.*

## **Learning Materials / Resources:**

*Please use textbooks less than 5 years old or most recent edition.*

1. Thureen, et al. Assessment and Care of the well newborn. 2nd ed. Elsevier Saunders. 2004.
2. Cunningham, Kenneth Leveno, Steven Bloom, and John Hauth. William's Obstetrics. 24th edition. McGraw-Hill Professional. 2014.

3. Marshall, Jayne E, Raynor, Maureen D(editor). Myles Textbook for Midwives. Churchill Livingstone; 16 edition. 2014.
4. Varney, Helen. Varney's Midwifery, 5th Edition. Jones and Bartlett Publishers. 2014.
5. Frye, Anne. Holistic Midwifery: A Comprehensive Textbook for Midwives in Homebirth Practice, Vol. 2. 2nd edition. Labrys Press. 2013
6. Weaver, Pam and Evans, Sharon K. Practical Skills Guide for Midwifery, 5th Edition. Morningstar Publishing Co. Wasilla. 2012.

Resources for all Courses:

MEAC Abbreviated NARM Skills Form:

<http://www.midwiferycollege.org/AcademicProgram/Downloads/ASM/Clinical/FormNARMSkills.pdf>

MEAC Essential Competencies:

<http://www.midwiferycollege.org/downloads/worddocs/Curriculum-Checklist-of-EssentialCompetencies-rev-2014.pdf>

Midwives Model of Care®: <http://cfmidwifery.org/mmoc/brochures.aspx>

Students must find 1 article/study less than 5 years old. Recommended internet links as needed for latest developments in midwifery care:

<https://www.midwiferycollege.edu/resources-national-college-of-midwi>

**Evaluation Tools / Methods:**

The minimum passing grade for all courses is a cumulative 80% / B-. Students and preceptors are encouraged to work together until the student masters the information.

Grades are not recorded until both the student and preceptor submit end of trimester evaluations and in the case of a general education course supervision, if required, is completed.

The student's final grade for the course is based on preceptor evaluation of the following:

1. The preceptor evaluates each answer based on NCM rubrics and NCM's degree level profile.
2. Student's answers should reflect a thorough review of the current literature regarding best current practices in midwifery care.
3. Each answer should be formed in the student's own words or paraphrased from the text. The answer should be minimal, not a rewrite of the entire text, but enough to show appropriate comprehension of the learning objective.
4. Student identification of sources and page numbers for each of the didactic assessments. (Preceptor should do a random check to determine that sources cited are correctly identified.)

*Course credit: One Academic credit equals approximately 15 hours of formal time plus 30 hours of additional study or homework. Formal time is defined as the amount of time taken to answer the assignments to the level of 80% and to complete any learning activities to the preceptor's satisfaction, including any time spent*