

# Course Syllabus



## MW305

**Course Title:** Antepartum Pharmacology


**Credits:** 1.0

### Course Description:

This course covers both allopathic and non-allopathic medications/drugs, including an in-depth introduction to the theory and practice of both herbalism and homeopathy. It introduces the student to the structure and function of receptor sites and requires a thorough understanding of dosage, absorption, metabolism, drug interactions, side effects, and allergies, as well as the importance of carefully considering the client's individual factors when deciding to administer medications.

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](https://ncm.instructure.com/courses/739/files/26922/download?download_frd=1)  ([https://ncm.instructure.com/courses/739/files/26922/download?download\\_frd=1](https://ncm.instructure.com/courses/739/files/26922/download?download_frd=1)) are identified through the linking of MEAC Essential Competencies and the NCM Degree Qualification Profile.

### Learning Activities

Antepartum Courses

Read, listen to, watch assigned lesson materials.

Submit a written summary of current research.

Complete oral and/or written formative didactic assessments with final summative submission.

Identify and cite high-quality sources.

Use articulated reasoning while participating in an oral presentation, facilitated discussions and skills demonstrations.

Submit a portfolio.

Analyze a case study.

Participate in a skills demonstration and/or role-playing activity.

Develop a study aid.

Complete a final exam.

*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:**

*There are no textbooks to purchase.*

Abedzadeh Kalahroudi, M. (2014). Complementary and alternative medicine in midwifery. *Nursing and Midwifery Studies*, 3(2). <https://doi.org/10.17795/nmsjournal19449>  
(<https://doi.org/10.17795/nmsjournal19449>)

Castro, M. (1993). *Homeopathy for pregnancy, birth, and your baby's first year*. St. Martin's Press.  
(excerpt provided)

Davuluri, S., & Dharmarajan, T. S. (2014). Complementary and alternative medicine: Herbals and supplements: A review for the Primary Care Physician. *Cureus*. <https://doi.org/10.7759/cureus.184>  
(<https://doi.org/10.7759/cureus.184>)

*Evidence on: The vitamin K shot in newborns*. Evidence Based Birth®. (2020, November 20). Retrieved January 20, 2022, from <https://evidencebasedbirth.com/evidence-for-the-vitamin-k-shot-in-newborns/> (<https://evidencebasedbirth.com/evidence-for-the-vitamin-k-shot-in-newborns/>)

FDA. (n.d.). *FDA aims to continue improving the information for medications*. U.S. Food and Drug Administration. Retrieved January 20, 2022, from <https://www.fda.gov/consumers/consumer-updates/pregnant-breastfeeding-fda-aims-improve-drug-information>  
(<https://www.fda.gov/consumers/consumer-updates/pregnant-breastfeeding-fda-aims-improve-drug-information>)

*Herbal Medicine*. Complementary & Alternative Medicine - MRHS. (n.d.). Retrieved January 20, 2022, from <https://www.d.umn.edu/medweb/Modules/CompAltMed/cam.html>

<https://www.d.umn.edu/medweb/Modules/CompAltMed/cam.html>

Le, J. (2021, December 14). *Overview of pharmacokinetics - clinical pharmacology*. Merck Manuals Professional Edition. Retrieved January 20, 2022, from

<https://www.merckmanuals.com/professional/clinical-pharmacology/pharmacokinetics/overview-of-pharmacokinetics#>

<https://www.merckmanuals.com/professional/clinical-pharmacology/pharmacokinetics/overview-of-pharmacokinetics#>

*Pharmacological treatment: Medication assisted recovery*. Opioids. (n.d.). Retrieved January 20, 2022, from <https://www.ihs.gov/opioids/recovery/pharmatreatment/>

<https://www.ihs.gov/opioids/recovery/pharmatreatment/>

*Podcast 027: Using homeopathy in pregnancy: Willow Buckley*. Cap Wellness Center. (2016, February 20). Retrieved January 20, 2022, from <http://capwellnesscenter.com/podcast-027-using-homeopathy-in-pregnancy-willow-buckley/>

<http://capwellnesscenter.com/podcast-027-using-homeopathy-in-pregnancy-willow-buckley/>

*Prescription writing 101 (with example prescriptions)*. Medical School Headquarters. (2019, May 14). Retrieved January 20, 2022, from <https://medicalschoollhq.net/prescription-writing-101/>

<https://medicalschoollhq.net/prescription-writing-101/>

Romm, A. (2021, March 5). *Herbs in pregnancy: What's safe, what's not?* Aviva Romm MD. Retrieved January 20, 2022, from <https://avivaromm.com/herbal-medicines-in-pregnancy-safety/>

<https://avivaromm.com/herbal-medicines-in-pregnancy-safety/>

*Video lesson #1 on Vitamin K and eye ointment!* Evidence Based Birth®. (2020, April 15). Retrieved January 20, 2022, from <https://evidencebasedbirth.com/video-k-lesson-handout/>

<https://evidencebasedbirth.com/video-k-lesson-handout/>

*Video lesson #3 on Vitamin K and Eye Ointment*. Evidence Based Birth®. (2020, April 8). Retrieved January 20, 2022, from <https://evidencebasedbirth.com/vitamin-k-lesson-3/>

<https://evidencebasedbirth.com/vitamin-k-lesson-3/>

### [MEAC Abbreviated NARM Skills Form](http://www.midwiferycollege.org/AcademicProgram/Downloads/ASM/Clinical/Form-NARMSkills.pdf)

<http://www.midwiferycollege.org/AcademicProgram/Downloads/ASM/Clinical/Form-NARMSkills.pdf>

[MEAC Core Competencies for Midwives](http://meacschools.org/wp-content/uploads/2014/12/Curriculum-Checklist-of-Essential-Competencies-rev-2014.pdf) (<http://meacschools.org/wp-content/uploads/2014/12/Curriculum-Checklist-of-Essential-Competencies-rev-2014.pdf>)

[Midwives Model of Care®](https://www.citizensformidwifery.org/mmoc) (<https://www.citizensformidwifery.org/mmoc>)

## Evaluation Tools / Methods:

The minimum passing grade for all courses is a cumulative 80% / B-. Grades are not recorded until both the student and preceptor submit end of trimester evaluations and in the case of general education courses supervision is completed.

All assignments for this course are evaluated using the following criteria:

1. Responses to each didactic assessment are evaluated utilizing the NCM rubrics and degree level profile.
2. Answers should reflect a thorough review of the current literature regarding best current practices in midwifery care.
3. Non-plagiarized paraphrased answers from text which demonstrate appropriate comprehension of the learning objective. (Formative Assessment) *Students and Online Learning Coordinators work together until the student masters the information. (Summative Assessment)*
4. Group sharing within NCM is acceptable and encouraged. Students are allowed to use each other's answers by indicated "Group Share" and submission of the answer on all group identified assignments.
5. NCM's [Integrity Code](https://docs.google.com/document/d/14PvgiDU4MJEKRZZiUQRFhNB_eDL_KFqZzATPkDvuQYzA/edit?usp=sharing) ([https://docs.google.com/document/d/14PvgiDU4MJEKRZZiUQRFhNB\\_eDL\\_KFqZzATPkDvuQYzA/edit?usp=sharing](https://docs.google.com/document/d/14PvgiDU4MJEKRZZiUQRFhNB_eDL_KFqZzATPkDvuQYzA/edit?usp=sharing)) is the basis for a "completed" score earned on all assignments which are allowed to be completed in community with the student's active preceptor(s).
6. Random evaluation of cited sources and page numbers for each written assignment.

*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 Learning Objectives to the level of 80% for midwifery courses and 70% for general education courses and to complete any learning activities to the preceptor's satisfaction, including any time spent face to face with the preceptor. Informal time includes any time spent actively reading relevant sources and textbook/s, researching Learning Objectives, and studying for examinations.*