

# Course Syllabus

[Jump to Today](#) [Edit](#)**MW386****Course Title:** Well Woman Diagnostic Lab Tests & Procedures**Credits:** 1.0

**Course Description:** This course provides a thorough review of diagnostic tests that may be performed during a well-woman/annual exam visit. This course gives an overview of diagnostic testing that is outside of the scope of practice of most midwives in an effort to inform students about topics that may require discussion and referral during the visit. Cancer screening and interpretation of the pap test/smear is emphasized in this unit as a means of reducing confusion and increasing the student's capacity to explain risk to a client. This course uses current research in midwifery and obstetrics to broaden the student's understanding of corresponding NARM skills and MEAC core 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:

Well Woman Courses

Read, listen to, watch assigned lesson materials.

Submit a written summary of current research.

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

Identify and cite high-quality sources.

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

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

Create an infographic, handout, and/or community resource.

Optional: 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:**

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

1. **Fogel, C.I. and Woods, N.F. Women's Health Care in Advanced Practice Nursing. Springer Publishing Company. 2013. <http://www.worldcat.org/title/womens-health-care-in-advanced-practice-nursing/oclc/841495216?referer=br&ht=edition>**
2. **Weaver, P. and Evans, S.K. Practical Skills Guide for Midwifery: a tool for midwives & students. 4th Edition. Morningstar Publishing Co. Wasilla. 2012. <http://www.worldcat.org/title/practical-skills-guide-for-midwifery-psgm-a-tool-for-midwives-students/oclc/822657432?ht=edition&referer=br>**
3. **Tharpe et al. Clinical Practice Guidelines for midwifery and women's health. 3rd edition. Jones and Bartlett Publishing. 2017. <http://www.worldcat.org/title/clinical-practice-guidelines-for-midwifery-womens-health/oclc/178110847/editions?editionsView=true&referer=br>**
4. **Frye, Anne. Understanding Diagnostic Tests in the Childbearing Year: A Holistic Approach. 7th edition. Labrys Press. 2007. <http://www.worldcat.org/title/understanding-diagnostic-tests-in-the-childbearing-year-a-holistic-approach/oclc/184843613/editions?editionsView=true&referer=br>**
5. National Cancer Institute Website. 2017. <http://www.cancer.gov/> [\(http://www.cancer.gov/\)](http://www.cancer.gov/)
6. National Guidelines for Breast Cancer Screening. [www.guidelines.gov](http://www.guidelines.gov) [\(http://www.guidelines.gov\)](http://www.guidelines.gov)
7. Canadian Breast Cancer Foundation Self-Breast Exam Site. 2017. <http://www.breastselfexam.ca/> [\(http://www.breastselfexam.ca/\)](http://www.breastselfexam.ca/)
8. American Association of Obstetricians and Gynecologists. 2017. [www.acog.org](http://www.acog.org) [\(http://www.acog.org\)](http://www.acog.org)
9. *Revised recommendations for HIV testing of adults, adolescents and pregnant women in Healthcare settings.* Center for Disease Control and Prevention. 2017. [www.cdc.gov](http://www.cdc.gov) [\(http://www.cdc.gov\)](http://www.cdc.gov)
10. **MEAC Abbreviated NARM Skills Form**  
<http://www.midwiferycollege.org/AcademicProgram/Downloads/ASM/Clinical/Form-NARMSkills.pdf>
11. **MEAC Core Competencies for Midwives** <http://meacschools.org/wp-content/uploads/2014/12/Curriculum-Checklist-of-Essential-Competencies-rev-2014.pdf>

12. **Midwives Model of Care®** (<http://cfmidwifery.org/mmoc/define.aspx>)

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

- **The Cochrane Collaboration** (<http://www.cochrane.org/>)
- **EBSCO** (<http://ejournals.ebsco.com/login.asp?bCookiesEnabled=TRUE>)
- **National Library of Medicine** (<https://www.nlm.nih.gov/>)
- **PubMed** (<https://www.ncbi.nlm.nih.gov/pubmed/>)
- **ScienceDirect** (<http://www.sciencedirect.com/>)
- **Medscape** (<http://www.medscape.com/womenshealth>)
- **World Health Organization** (<http://www.who.int/en/>)

### **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 the text which demonstrate appropriate comprehension of the learning objective. (Formative Assessment) Students and preceptors are encouraged to work together until the student masters the information. (Summative Assessment)
4. 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.*


















## Course Summary:

Date
















Details



Date	Details
Tue Jul 25, 2017	<div>  <b>Office Hours</b> (<a href="https://ncm.instructure.com/calendar?event_id=158&amp;include_contexts=course_188">https://ncm.instructure.com/calendar?event_id=158&amp;include_contexts=course_188</a>)         </div> <div>8am to 9am</div>
	<div>  <b>A Note on Community Building Activities</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10707">https://ncm.instructure.com/courses/188/assignments/10707</a> </div>
	<div>  <b>A-2 Ready for a Baby?</b>  <a href="https://ncm.instructure.com/courses/188/assignments/11111">https://ncm.instructure.com/courses/188/assignments/11111</a> </div>
	<div>  <b>Appropriate Tubes</b> (<a href="https://ncm.instructure.com/courses/188/assignments/11109">https://ncm.instructure.com/courses/188/assignments/11109</a>)         </div>
	<div>  <b>Exams and Quizzes</b> (<a href="https://ncm.instructure.com/courses/188/assignments/10708">https://ncm.instructure.com/courses/188/assignments/10708</a>)         </div>
	<div>  <b>Highly Encouraged Optional Enrichment Activities</b>  <a href="https://ncm.instructure.com/courses/188/assignments/13464">https://ncm.instructure.com/courses/188/assignments/13464</a> </div>
	<div>  <b>Journal Article Summary</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10709">https://ncm.instructure.com/courses/188/assignments/10709</a> </div>
	<div>  <b>Lab Requisition</b> (<a href="https://ncm.instructure.com/courses/188/assignments/11110">https://ncm.instructure.com/courses/188/assignments/11110</a>)         </div>
	<div>  <b>MW386-001 - Briefly discuss the role of informed consent in diagnostic testing during a well-woman visit.</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10712">https://ncm.instructure.com/courses/188/assignments/10712</a> </div>
	<div>  <b>MW386-002 - Discuss how a midwife refers a well-woman client for a consult with another practitioner based on abnormal findings of diagnostic tests.</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10713">https://ncm.instructure.com/courses/188/assignments/10713</a> </div>
	<div>  <b>MW386-003 - Describe the basic technique for using a microscope.</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10714">https://ncm.instructure.com/courses/188/assignments/10714</a> </div>
	<div>  <b>MW386-004 - Describe how to assemble a wet prep.</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10715">https://ncm.instructure.com/courses/188/assignments/10715</a> </div>
	<div>  <b>MW386-005 - Discuss how to observe universal precautions in preparing and viewing a wet prep.</b> (<a href="https://ncm.instructure.com/courses/188/assignments/10716">https://ncm.instructure.com/courses/188/assignments/10716</a>)         </div>
	<div>  <b>MW386-006 - Discuss how to observe OSHA regulations when disposing of a wet prep.</b> (<a href="https://ncm.instructure.com/courses/188/assignments/10717">https://ncm.instructure.com/courses/188/assignments/10717</a>)         </div>
	<div>  <b>MW386-007 - How can nitrazine paper be used as a diagnostic tool during a well-woman exam?</b> (<a href="https://ncm.instructure.com/courses/188/assignments/10718">https://ncm.instructure.com/courses/188/assignments/10718</a>)         </div>
	<div>  <b>MW386-008 - Describe how to perform a whiff test.</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10719">https://ncm.instructure.com/courses/188/assignments/10719</a> </div>
	<div>  <b>MW386-009 - What does the whiff test identify?</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10720">https://ncm.instructure.com/courses/188/assignments/10720</a> </div>
	<div>  <b>MW386-010 - Discuss microscopic findings for Candida albicans.</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10721">https://ncm.instructure.com/courses/188/assignments/10721</a> </div>
	<div>  <b>MW386-011 - Discuss the microscopic findings for Trichomonas Vaginalis.</b>  <a href="https://ncm.instructure.com/courses/188/assignments/10722">https://ncm.instructure.com/courses/188/assignments/10722</a> </div>

Date	Details
	 <b>MW386-012 - Discuss the microscopic findings for Gardnerella Vaginalis.</b> <a href="https://ncm.instructure.com/courses/188/assignments/10723">https://ncm.instructure.com/courses/188/assignments/10723</a>
	 <b>MW386-013 - Chlamydia</b> <a href="https://ncm.instructure.com/courses/188/assignments/10724">https://ncm.instructure.com/courses/188/assignments/10724</a>
	 <b>MW386-014 - Gonorrhea</b> <a href="https://ncm.instructure.com/courses/188/assignments/10725">https://ncm.instructure.com/courses/188/assignments/10725</a>
	 <b>MW386-015 - Bacterial vaginosis</b> <a href="https://ncm.instructure.com/courses/188/assignments/10726">https://ncm.instructure.com/courses/188/assignments/10726</a>
	 <b>MW386-016 - Herpes</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10727">https://ncm.instructure.com/courses/188/assignments/10727</a> )
	 <b>MW386-017 - HPV</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10728">https://ncm.instructure.com/courses/188/assignments/10728</a> )
	 <b>MW386-018-Urinary Tract Infection</b> <a href="https://ncm.instructure.com/courses/188/assignments/10729">https://ncm.instructure.com/courses/188/assignments/10729</a>
	 <b>MW386-019 - Syphilis</b> <a href="https://ncm.instructure.com/courses/188/assignments/10730">https://ncm.instructure.com/courses/188/assignments/10730</a>
	 <b>MW386-020 - HIV</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10731">https://ncm.instructure.com/courses/188/assignments/10731</a> )
	 <b>MW386-021 - Hepatitis B</b> <a href="https://ncm.instructure.com/courses/188/assignments/10732">https://ncm.instructure.com/courses/188/assignments/10732</a>
	 <b>MW386-022 - Describe two methods by which cervical cells are prepared for examination by a lab technician after collection.</b> <a href="https://ncm.instructure.com/courses/188/assignments/10733">https://ncm.instructure.com/courses/188/assignments/10733</a>
	 <b>MW386-023 - Atypical squamous cells of undetermined significance (ASCUS)</b> <a href="https://ncm.instructure.com/courses/188/assignments/10734">https://ncm.instructure.com/courses/188/assignments/10734</a>
	 <b>MW386-024 - High grade atypical squamous cells (ASCH)</b> <a href="https://ncm.instructure.com/courses/188/assignments/10735">https://ncm.instructure.com/courses/188/assignments/10735</a>
	 <b>MW386-025 - Low-grade squamous intraepithelial lesions (LSIL)</b> <a href="https://ncm.instructure.com/courses/188/assignments/10736">https://ncm.instructure.com/courses/188/assignments/10736</a>
	 <b>MW386-026 - High-grade squamous intraepithelial lesions (HSIL)</b> <a href="https://ncm.instructure.com/courses/188/assignments/10737">https://ncm.instructure.com/courses/188/assignments/10737</a>
	 <b>MW386-027 - Atypical glandular cells (AGC)</b> <a href="https://ncm.instructure.com/courses/188/assignments/10738">https://ncm.instructure.com/courses/188/assignments/10738</a>
	 <b>MW386-028 - Endocervical adenocarcinoma in situ (AIS)</b> <a href="https://ncm.instructure.com/courses/188/assignments/10739">https://ncm.instructure.com/courses/188/assignments/10739</a>
	 <b>MW386-029 - How is HPV testing related to the results of a pap smear/test?</b> <a href="https://ncm.instructure.com/courses/188/assignments/10740">https://ncm.instructure.com/courses/188/assignments/10740</a>
	 <b>MW386-030 - Which types of HPV are associated with cervical cancer?</b> <a href="https://ncm.instructure.com/courses/188/assignments/10741">https://ncm.instructure.com/courses/188/assignments/10741</a>
	 <b>MW386-031 - Define what is considered an adequate specimen for performing an evaluation of cervical cells.</b> <a href="https://ncm.instructure.com/courses/188/assignments/10742">https://ncm.instructure.com/courses/188/assignments/10742</a>

Date	Details
	 <b>MW386-032 - Briefly define what is meant by a negative result of a pap test/smear.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10743">https://ncm.instructure.com/courses/188/assignments/10743</a> )
	 <b>MW386-033 - What organisms are most commonly found when doing a pap test/smear?</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10744">https://ncm.instructure.com/courses/188/assignments/10744</a> )
	 <b>MW386-034 - Briefly describe the follow-up procedures that might be performed after an abnormal/high risk pap.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10745">https://ncm.instructure.com/courses/188/assignments/10745</a> )
	 <b>MW386-035 - Briefly discuss the use of urinalysis in well-woman care.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10746">https://ncm.instructure.com/courses/188/assignments/10746</a> )
	 <b>MW386-036 - Briefly describe the diagnostic tests that should be offered to a woman who suspects she may have been exposed to herpes simplex virus (HSV).</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10747">https://ncm.instructure.com/courses/188/assignments/10747</a> )
	 <b>MW386-037 - Discuss the diagnostic testing follow-up for a positive HIV test.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10748">https://ncm.instructure.com/courses/188/assignments/10748</a> )
	 <b>MW386-038 - Briefly discuss the kind of counseling that a midwife should provide a client who suspects they have been exposed to the HIV virus.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10749">https://ncm.instructure.com/courses/188/assignments/10749</a> )
	 <b>MW386-039 - Describe the use of ultrasound in screening for breast cancer.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10750">https://ncm.instructure.com/courses/188/assignments/10750</a> )
	 <b>MW386-040 - Describe the current guidelines for mammogram frequency for women of childbearing age.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10751">https://ncm.instructure.com/courses/188/assignments/10751</a> )
	 <b>MW386-041 - Describe the current guidelines for mammogram frequency for women in menopause.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10752">https://ncm.instructure.com/courses/188/assignments/10752</a> )
	 <b>MW386-042 - What genetic tests can be performed as a method of risk screening for breast cancer?</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10753">https://ncm.instructure.com/courses/188/assignments/10753</a> )
	 <b>MW386-043 - Describe the use of MRI in diagnosing breast cancer.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10754">https://ncm.instructure.com/courses/188/assignments/10754</a> )
	 <b>MW386-044 - Name the most common lab tests that are performed to test for thyroid function.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10755">https://ncm.instructure.com/courses/188/assignments/10755</a> )
	 <b>MW386-045 - What blood test can be done to rule out pregnancy for amenorrhea?</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10756">https://ncm.instructure.com/courses/188/assignments/10756</a> )
	 <b>MW386-046 - List some of the diagnostic tests that should be offered to women of childbearing age that are experiencing abnormal bleeding during the menstrual cycle.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10757">https://ncm.instructure.com/courses/188/assignments/10757</a> )
	 <b>MW386-047 - Describe how ultrasound can be used to identify fibroids or uterine masses.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10758">https://ncm.instructure.com/courses/188/assignments/10758</a> )
	 <b>MW386-048 - Briefly list the diagnostic tests that should be done before a procedure that terminates a first trimester pregnancy.</b>



Date	Details
	<a href="https://ncm.instructure.com/courses/188/assignments/10759">https://ncm.instructure.com/courses/188/assignments/10759</a>
	 <b>MW386-049 - List the diagnostic tests that should be performed before the insertion of an IUD.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10760">https://ncm.instructure.com/courses/188/assignments/10760</a> )
	 <b>MW386-050 - List the diagnostic tests that should be performed before initiation of hormonal contraception.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10761">https://ncm.instructure.com/courses/188/assignments/10761</a> )
	 <b>MW386-051 - List the diagnostic tests that should be performed before the initiation of barrier methods of contraception.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10762">https://ncm.instructure.com/courses/188/assignments/10762</a> )
	 <b>MW386-052 - List the diagnostic tests that should be performed before the initiation of family planning with the fertility awareness method.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10763">https://ncm.instructure.com/courses/188/assignments/10763</a> )
	 <b>MW386-053 - List the diagnostic tests that should be taken in conjunction with emergency contraception.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10764">https://ncm.instructure.com/courses/188/assignments/10764</a> )
	 <b>MW386-054 - List some of the diagnostic tests that should be performed for women who are considering getting pregnant.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10765">https://ncm.instructure.com/courses/188/assignments/10765</a> )
	 <b>MW386-055 - Discuss why a fecal occult blood test might be performed at a well-woman visit.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10766">https://ncm.instructure.com/courses/188/assignments/10766</a> )
	 <b>MW386-056 - How is a fecal occult blood test performed?</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10767">https://ncm.instructure.com/courses/188/assignments/10767</a> )
	 <b>MW386-057 - Discuss routine diagnostic tests that should be offered to women in menopause without abnormal or uncomfortable symptoms.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10768">https://ncm.instructure.com/courses/188/assignments/10768</a> )
	 <b>MW386-058 - Discuss routine diagnostic tests that should be offered to women in menopause that are experiencing symptoms such as hot flashes, vaginal dryness, and night sweats.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10769">https://ncm.instructure.com/courses/188/assignments/10769</a> )
	 <b>MW386-059 - Briefly discuss the diagnostic tests that should be offered to women in menopause at risk for osteoporosis.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10770">https://ncm.instructure.com/courses/188/assignments/10770</a> )
	 <b>MW386-060 - List the tests the diagnostic tests that should be offered to a post-menopausal woman that is experiencing vaginal bleeding.</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10771">https://ncm.instructure.com/courses/188/assignments/10771</a> )
	 <b>Optional NARM Like Exam</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10706">https://ncm.instructure.com/courses/188/assignments/10706</a> )
	 <b>Optional: Create a Set of Flashcards to Study for the NARM Exam</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/15229">https://ncm.instructure.com/courses/188/assignments/15229</a> )
	 <b>Student Evaluation of Course and Instructor</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10773">https://ncm.instructure.com/courses/188/assignments/10773</a> )

Date	Details
	 <b>Thin Prep Pap</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/11328">https://ncm.instructure.com/courses/188/assignments/11328</a> )
	 <b>Updated Knowledge and Technology</b> ( <a href="https://ncm.instructure.com/courses/188/assignments/10711">https://ncm.instructure.com/courses/188/assignments/10711</a> )