

Course Syllabus

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Course Code: MW 324


Course Title: Intrapartum Complications

Credits: 1.0

Course Description: This course introduces the topics of prevention, identification, and proper response to complications during the intrapartum period. These complications including; preterm labor, preterm rupture of membranes, cord prolapse, abnormal fetal heart tones, dysfunctional labor patterns, cephalo-pelvic disproportion, maternal exhaustion, uterine rupture, placental abruption, malpresentations, shoulder dystocia, and others.

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/656/files/15487/download?download_frd=1) are identified through the linking of MEAC Essential Competencies and the NCM Degree Qualification Profile.

Learning Activities

Intrapartum 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.

Explain and participate in a crime demonstration and/or role playing activity.

Analyze a case study.

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:

1. Gruenberg, Bonnie. Birth Emergency Skills Training Manual for Out-of-Hospital Midwives. Birth Muse Press. 2008.
2. Chapman, Vicky and Charles, Cathy. The midwife's labour and birth handbook. 3rd edition. Blackwell Publishing. 2013.
3. Frye, Anne. Holistic Midwifery: A Comprehensive Textbook for Midwives in Homebirth Practice, Vol. 2. 2nd edition. Labrys Press. 2013
4. Cunningham, Kenneth Leveno, Steven Bloom, and John Hauth. William's Obstetrics. 24th edition. McGraw-Hill Professional. 2014.
5. Marshall, Jayne E, Raynor, Maureen D(editor). Myles Textbook for Midwives. Churchill Livingstone; 16 edition. 2014.
6. **King, Tekoa L. et al. Varney's Midwifery. 6th ed., Jones & Bartlett Learning, 2018.**
(<https://www.worldcat.org/title/varneys-midwifery/oclc/1050928190?referer=di&ht=edition>)
7. 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>

[_ \(http://www.midwiferycollege.org/AcademicProgram/Downloads/ASM/Clinical/FormNARMSkills.pdf\)_](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>

[_ \(http://www.midwiferycollege.org/downloads/worddocs/Curriculum-Checklist-of-EssentialCompetencies-rev-2014.pdf\)_](http://www.midwiferycollege.org/downloads/worddocs/Curriculum-Checklist-of-EssentialCompetencies-rev-2014.pdf)

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

[_ \(http://cfmidwifery.org/mmoc/brochures.aspx\)_](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>

[_ \(https://www.midwiferycollege.edu/resources-national-college-of-midwi\)_](https://www.midwiferycollege.edu/resources-national-college-of-midwi)

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	Due
	 <u>Discussion: PROM Management</u> https://ncm.instructure.com/courses/656/assignments/26420	
	 <u>Breech Resources</u> https://ncm.instructure.com/courses/656/assignments/26422	
	 <u>COMMUNITY QUESTION: MW324-002 - Explain why and how the midwife continues to contribute to patient care after referring her for a complication.</u> https://ncm.instructure.com/courses/656/assignments/26429	
	 <u>Cord Resources</u> https://ncm.instructure.com/courses/656/assignments/26423	
	 <u>Face Presentation Resources</u> https://ncm.instructure.com/courses/656/assignments/26425	
	 <u>Highly Recommended Optional Enrichment Activities</u> https://ncm.instructure.com/courses/656/assignments/26426	
	 <u>Intrapartum Complications Multiple Attempts</u> https://ncm.instructure.com/courses/656/assignments/26705	
	 <u>Journal Article Summary</u> https://ncm.instructure.com/courses/656/assignments/26427	
	 <u>MUST COMPLETE FOR FINAL GRADE TO BE ASSIGNED</u> https://ncm.instructure.com/courses/656/assignments/29183	
	 <u>MW324-001 - Discuss the rationale behind recognizing complications as early as possible.</u> https://ncm.instructure.com/courses/656/assignments/26428	








Date	Details	Due
	 <u>MW324-003 - Name four evaluations a midwife must make about a given intervention before carrying it out.</u> (https://ncm.instructure.com/courses/656/assignments/26430)	
	 <u>MW324-004 - Cite the statistical risk of uterine rupture for women with previous low transverse uterine incisions and for women with previous classical or inverted-T or low vertical incisions.</u> (https://ncm.instructure.com/courses/656/assignments/26431)	
	 <u>MW324-005 - Explain why the rupture of a low transverse uterine incision usually is not catastrophic.</u> (https://ncm.instructure.com/courses/656/assignments/26432)	
	 <u>MW324-006 - Explain how the diagnosis of CPD in the previous birth affects the VBAC candidate's ability to give birth normally this time and how the midwife adjusts her counseling.</u> (https://ncm.instructure.com/courses/656/assignments/26433)	
	 <u>MW324-007 - Discuss the agreed upon standards for managing VBAC labors. Explain which elements of care are not yet agreed upon. Discuss what differences in monitoring VBAC births are recommended.</u> (https://ncm.instructure.com/courses/656/assignments/26434)	
	 <u>MW324-008 - Explain the increased incidence of placenta accreta and discuss the recommended management.</u> (https://ncm.instructure.com/courses/656/assignments/26435)	









Date	Details	Due
	 <u>MW324-009 - Describe the management for scar dehiscence following VBAC and discuss the rationale.</u> (https://ncm.instructure.com/courses/656/assignments/26436)	
	 <u>MW324-010 - Define preterm labor. Explain why it is a leading cause of perinatal mortality and morbidity.</u> (https://ncm.instructure.com/courses/656/assignments/26437)	
	 <u>MW324-011 - If the mother has had previous premature births, discuss why she is felt to be at increased risk for subsequent premature births. Explain the importance of obtaining records of previous premature or low birth weight births.</u> (https://ncm.instructure.com/courses/656/assignments/26438)	
	 <u>MW324-012 - List at least 5 predisposing factors to prematurity and explain why these lead to prematurity.</u> (https://ncm.instructure.com/courses/656/assignments/26439)	
	 <u>MW324-013 - Describe 5 management strategies for preventing prematurity and low birth weight and explain how they relate to predisposing factors.</u> (https://ncm.instructure.com/courses/656/assignments/26440)	
	 <u>MW324-014 - Describe the additional management strategies for a woman with a history of two or more prematurities or multiple gestations and who has no signs or symptoms of preterm labor.</u> (https://ncm.instructure.com/courses/656/assignments/26441)	








Date	Details	Due
	 <u>MW324-015 - Discuss the management for a woman with preterm labor. Give your rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26442)	
	 <u>MW324-016 - Discuss the instructions given to a woman managed for preterm labor who is sent home.</u> (https://ncm.instructure.com/courses/656/assignments/26443)	
	 <u>MW324-017 - Discuss what questions are considered in the decision to use tocolysis and discuss the concerns for mother and baby.</u> (https://ncm.instructure.com/courses/656/assignments/26444)	
	 <u>MW324-018 - Name some predisposing factors for premature rupture of membranes and discuss the risks to mother and baby.</u> (https://ncm.instructure.com/courses/656/assignments/26445)	
	 <u>MW324-019 - Explain how the practitioner's management of PROM can minimize these risks.</u> (https://ncm.instructure.com/courses/656/assignments/26446)	
	 <u>MW324-020 - Discuss the management options for PROM and their rationales.</u> (https://ncm.instructure.com/courses/656/assignments/26447)	
	 <u>MW324-021 - Describe the differences in outcome for PROM before and after 37 weeks.</u> (https://ncm.instructure.com/courses/656/assignments/26448)	









Date	Details	Due
	 <u>MW324-022 - Explain the difference between chorioamnionitis and amnionitis. Discuss their similarities and how they can affect both mother and baby.</u> (https://ncm.instructure.com/courses/656/assignments/26449)	
	 <u>MW324-023 - List at least five signs and symptoms of amnionitis and chorioamnionitis.</u> (https://ncm.instructure.com/courses/656/assignments/26450)	
	 <u>MW324-024 - Describe the steps in management of a woman with amnionitis or chorioamnionitis and give the rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26451)	
	 <u>MW324-025 - Describe the standard resolution for umbilical cord prolapse and give the rationale.</u> (https://ncm.instructure.com/courses/656/assignments/26452)	
	 <u>MW324-026 - Discuss the two types of umbilical cord prolapse; describe how they are different and the management for each.</u> (https://ncm.instructure.com/courses/656/assignments/26453)	
	 <u>MW324-027 - Describe 5 precipitating causes of cord prolapse and explain how each causes prolapse.</u> (https://ncm.instructure.com/courses/656/assignments/26454)	
	 <u>MW324-028 - Describe the steps for management of prolapsed cord and give the rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26455)	










Date	Details	Due
	 <u>MW324-029 - Describe the fetal heart tone deceleration patterns and explain why they are abnormal.</u> (https://ncm.instructure.com/courses/656/assignments/26456)	
	 <u>MW324-030 - Describe the management plan for late declarations and give the rationale for each step.</u> (https://ncm.instructure.com/courses/656/assignments/26457)	
	 <u>MW324-031 - List the causes of acute utero-placental insufficiency and explain why these adversely affect the fetus.</u> (https://ncm.instructure.com/courses/656/assignments/26458)	
	 <u>MW324-032 - Describe the causes of variable decelerations and what actions should be taken in the presence of variable decelerations.</u> (https://ncm.instructure.com/courses/656/assignments/26459)	
	 <u>MW324-033 - Describe acceleration patterns and include the significance of each.</u> (https://ncm.instructure.com/courses/656/assignments/26460)	
	 <u>MW324-034 - Describe a sinusoidal pattern and its significance.</u> (https://ncm.instructure.com/courses/656/assignments/26461)	
	 <u>MW324-035 - Define fetal distress and the differences between chronic and acute distress.</u> (https://ncm.instructure.com/courses/656/assignments/26462)	
	 <u>MW324-036 - Describe the steps for management of fetal distress in second stage and give the rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26463)	

Date	Details	Due
	 <u>MW324-037 - Discuss the management of meconium staining during 1st stage. Include a description of the various degrees of meconium staining that can occur.</u> (https://ncm.instructure.com/courses/656/assignments/26464)	
	 <u>MW324-038 - Describe the differences in management in the 2nd stage of labor in the presence or absence of meconium. Discuss other factors that must be taken into account and why.</u> (https://ncm.instructure.com/courses/656/assignments/26465)	
	 <u>MW324-039 - Define CPD. Explain how this determination is made. Discuss the only true test for CPD and explain why this is so.</u> (https://ncm.instructure.com/courses/656/assignments/26466)	
	 <u>MW324-040 - Describe the steps for assessing an arrested labor and give the rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26467)	
	 <u>MW324-041 - List the 5 most serious complications of CPD and explain how these occur.</u> (https://ncm.instructure.com/courses/656/assignments/26468)	
	 <u>MW324-042 - List the signs and symptoms of deep transverse arrest and the contributing factors to each.</u> (https://ncm.instructure.com/courses/656/assignments/26469)	
	 <u>MW324-043 - Discuss the management techniques used to avoid deep transverse arrest and give the rationales for each.</u> (https://ncm.instructure.com/courses/656/assignments/26470)	

Date	Details	Due
	 <u>MW324-044 - List the signs and symptoms of hypotonic uterine dysfunction and the causes of each.</u> (https://ncm.instructure.com/courses/656/assignments/26471)	
	 <u>MW324-045 - Describe management options in the presence of hypotonic uterine dysfunction.</u> (https://ncm.instructure.com/courses/656/assignments/26472)	
	 <u>MW324-046 - Name the signs and symptoms of hypertonic uterine dysfunction and the risks associated with it.</u> (https://ncm.instructure.com/courses/656/assignments/26473)	
	 <u>MW324-047 - Explain how hypertonic uterine dysfunction is managed and why.</u> (https://ncm.instructure.com/courses/656/assignments/26474)	
	 <u>MW324-048 - Describe maternal exhaustion and how this contributes to risk for mother and baby.</u> (https://ncm.instructure.com/courses/656/assignments/26475)	
	 <u>MW324-049 - Describe the signs and symptoms of maternal exhaustion and the significance of these.</u> (https://ncm.instructure.com/courses/656/assignments/26476)	
	 <u>MW324-050 - Describe the management of maternal distress/exhaustion and give the rationale.</u> (https://ncm.instructure.com/courses/656/assignments/26477)	
	 <u>MW324-051 - Name the signs and symptoms of placental abruption.</u> (https://ncm.instructure.com/courses/656/assignments/26478)	

Date	Details	Due
	 <u>MW324-052 - Discuss the management of a placental abruption during labor.</u> (https://ncm.instructure.com/courses/656/assignments/26479)	
	 <u>MW324-053 - Name the possible causes of uterine rupture and why.</u> (https://ncm.instructure.com/courses/656/assignments/26480)	
	 <u>MW324-054 - Explain why signs and symptoms of uterine rupture can be either very dramatic or subtle.</u> (https://ncm.instructure.com/courses/656/assignments/26481)	
	 <u>MW324-055 - Discuss the management steps for uterine rupture and the rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26482)	
	 <u>MW324-056 - Cite the incidence and causes of shoulder dystocia. Discuss the conditions that predispose to shoulder dystocia and why.</u> (https://ncm.instructure.com/courses/656/assignments/26483)	
	 <u>MW324-057 - Discuss the steps for management of shoulder dystocia and their expected effects.</u> (https://ncm.instructure.com/courses/656/assignments/26484)	
	 <u>MW324-058 - Discuss what additional emergencies you should expect to manage when there is shoulder dystocia and describe their etiology.</u> (https://ncm.instructure.com/courses/656/assignments/26485)	

Date	Details	Due
	 <u>MW324-059 - Describe the mechanisms of face presentation in detail and explain why face presentations cannot deliver in the mentum posterior position.</u> (https://ncm.instructure.com/courses/656/assignments/26486)	
	 <u>MW324-060 - Describe the steps for the management of face presentation and the rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26487)	
	 <u>MW324-061 - Discuss the various types of breech presentation and the degree of risk each carries for vaginal birth.</u> (https://ncm.instructure.com/courses/656/assignments/26488)	
	 <u>MW324-062 - Describe the mechanisms of labor for a frank breech presentation in detail.</u> (https://ncm.instructure.com/courses/656/assignments/26489)	
	 <u>MW324-063 - Describe the hand maneuvers for delivering a breech presentation in detail.</u> (https://ncm.instructure.com/courses/656/assignments/26490)	
	 <u>MW324-064 - Discuss the management of a nuchal hand/arm presentation. How can this presentation adversely affect a labor pattern?</u> (https://ncm.instructure.com/courses/656/assignments/26491)	
	 <u>MW324-065 - Discuss the signs/symptoms of a short or restricted cord.</u> (https://ncm.instructure.com/courses/656/assignments/26492)	
	 <u>MW324-066 - Discuss the management strategies when a short/restricted cord is suspected during labor.</u> (https://ncm.instructure.com/courses/656/assignments/26493)	

Date	Details	Due
	 <u>MW324-067 - Discuss the management of cervical swelling during labor.</u> (https://ncm.instructure.com/courses/656/assignments/26494)	
	 <u>MW324-068 - Discuss the possible problems associated with multiple birth and why.</u> (https://ncm.instructure.com/courses/656/assignments/26495)	
	 <u>MW324-069 - Describe the cardinal points for the delivery of twins and give the rationale for each.</u> (https://ncm.instructure.com/courses/656/assignments/26496)	
	 <u>Obstructed Labor</u> (https://ncm.instructure.com/courses/656/assignments/26497)	
	 <u>Optional: Create a Set of Flashcards to Study for the NARM Exam</u> (https://ncm.instructure.com/courses/656/assignments/26498)	
	 <u>Physiology of FHR Decelerations</u> (https://ncm.instructure.com/courses/656/assignments/26499)	
	 <u>Somersault Maneuver</u> (https://ncm.instructure.com/courses/656/assignments/26500)	
	 <u>Updated Knowledge and Technology</u> (https://ncm.instructure.com/courses/656/assignments/26501)	
	 <u>VBAC Labor Discussion</u> (https://ncm.instructure.com/courses/656/assignments/27708)	