Course Title: Newborn Provision of Care
Credits: 0.5

Course Description: This course covers the care of the newborn during its transition into extrauterine life and in the weeks after birth. Emphasis is placed on understanding the normal physiology of newborn transition, and how this understanding relates to care provided by the midwife. Management of common concerns and routine post-natal care is also included in this course. This course uses current research in midwifery and obstetrics to broaden the student's understanding of the following NARM skills and MANA core competencies learned under clinical supervision:

NARM Skills:

I. Midwifery Counseling, Education and Communication
   (1)-I A. Provides interactive support and counseling and/or referral services to the mother regarding her relationships with her significant others and other healthcare providers
   (6)-I F. Educates the mother concerning the natural physical and emotional processes of pregnancy, labor, birth and postpartum
   (7)-I G. Applies the principles of informed consent
   (8)-I H. Provides individualized care
   (9)-I I. Advocates for the mother during pregnancy, birth and postpartum
   I J. Provides education, counseling and/or referral, where appropriate for:
   (19)-I J 10. Newborn care including normal/abnormal newborn activity, responses, vital signs, appearance, behavior, etc
   (135)-V E. Provides direction for care of circumcised and uncircumcised penis

VII. Well-Baby Care
   (149)-VII A. Provides well-baby care 2-6 weeks
   (151)-VII C. Provides treatment for common newborn conditions such as cradle cap, diaper rash, thrush and colic

Learning Activities:

A. Student reads appropriate sections from the Learning Materials/Resources.

B. Student answers the questions listed in the Learning Objectives by researching the Learning Materials/Resources for the course and correctly cites the sources and page numbers for each of their answers.

C. Student presents answers the questions listed in the Learning Objectives for review by preceptor.

D. Student participates in preceptor elaboration/discussion of Learning Objectives.

E. In the case that the required texts are more than 5 years old, the student must research, prepare & present a summary of current best midwifery care/practices appropriate to a topic covered in this course from a current journal article/study, less than 5 years old.
F. 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.*

Activities specific to NARM skills learned in this section:

1. Role play with your instructor or another student all of the steps for immediate care of the newborn at birth. Practice all the steps on a doll. Talk through your observations and assessments.

2. Create a handout for your clients describing the anticipatory guidance for newborn care in the first 24 hours of life.

3. Create a handout for your clients describing the anticipatory guidance for newborn care from the second day of life through six weeks of age.

4. Role play with your instructor or another student how you would educate parents on their options for routine newborn procedures and treatments immediately after birth.

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**Learning Materials / Resources:**

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


9. MEAC Essential Competencies:


11. 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-midwifery

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**Evaluation Tools / Methods:**

*Minimum passing grade for each course is a cumulative 80% / B-. Students and preceptors are encouraged to work together until the student masters the information.*

Final grade for the course is based on preceptor evaluation of the following:

A. Learning Objectives count for 50% of the final grade.
   The preceptor evaluates each answer based on three elements:

   1. Answers should reflect a thorough review of current literature regarding best current practices in midwifery care.
   2. Each answer should be formed in the student’s own words or paraphrased from the text. The answer should be minimal, not a re-write of the entire text, but enough to show appropriate comprehension of the learning objective.
   3. Student identification of sources and page numbers for each of the Learning Objectives. (Preceptor should do a random check to determine that sources cited are correctly identified.)

B. Enrichment Activities, including research essays and summaries of articles: 20%
C. Discussions: 15%
D. Tests and Exams: 15%

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**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% 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.*

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**Learning Objectives:**

A. The student must research, prepare & present a summary of an aspect of current best midwifery care/practices appropriate a topic from this course from a current journal article/study.
A-2: Visit this website and determine which infographic you think best displays the CDCs recommended immunization schedule: https://www.cdc.gov/vaccines/schedules/easy-to-read/child.html?s_cid=bb-vaccines-Child-HP08-NCIRD

A-3: Go to this website and read: https://www.cdc.gov/vaccines/parents/vaccine-decision/

A-4: On this website, find 14 diseases and visit each link, make a list for each disease of the vaccine side effects and the illness symptoms: https://www.cdc.gov/vaccines/parents/diseases/child/index.html

A-5: Make a handout of community resources available to the family after they have given birth, examples include: WIC, pediatric referrals, PP support groups, lactation support groups, etc.

  - List three comments you might make to a family who is dealing with the loss of a pregnancy, stillbirth, congenital birth defect or neonatal death.

B. Student answers the questions below and cites the sources and page numbers.
  1. Define the perinatal period.
  2. Define the neonatal period.
  3. Describe the process by which the neonate’s respiratory and circulatory system adapts to extrauterine life.
  4. Describe the process by which the neonate begins to thermoregulate during adaptation to extrauterine life.
  5. Describe the changes in acid/base balance that occur during a neonate’s adaptation to extrauterine life.
  6. Describe the changes in blood volume that occur during a neonate’s adaptation to extrauterine life.
  7. Describe the changes in glucose balance that occur during a neonate’s adaptation to extrauterine life.
  8. Describe the process by which the neonate’s gastrointestinal system adapts to extrauterine life.
  9. Describe the process by which the neonate’s renal system adapts to extrauterine life.
 10. Describe the process by which the neonate’s hepatic system adapts to extrauterine life.
 11. Describe the process by which the neonate’s immune system adapts to extrauterine life.
12. Describe the neonate's ability to deal with stimuli.

13. Describe the neonate's visual capacities.

14. Describe the neonate's auditory capacities.

15. Describe the transitional period of the newborn and discuss newborn reactivity during this period.

16. Describe the immediate care of the healthy newborn after birth.

17. Describe the importance of keeping the newborn warm after birth and how this is achieved.

18. Discuss how the umbilical cord is cared for immediately following birth.

19. Describe the psychosocial needs of the neonate, mother, and family immediately following birth and how the midwife facilitates these.

20. Describe how meeting psychosocial needs also meets maternal and infant physical needs.

21. Discuss the importance of delaying any (non-urgent) newborn procedures until at least one hour after birth.

22. Describe how to best facilitate the initiation of the breastfeeding relationship between mother and baby.

23. Describe the nutritional needs of the newborn immediately postpartum.

24. Describe the nutritional needs of the newborn in the first three days of life.

25. Discuss the nutritional needs of the newborn in weeks 1-5 of life.

26. Name the newborn procedures that are most often performed before the midwife leaves.

27. Discuss whether or not it is important to bathe the newborn after birth.

28. Describe the anticipatory guidance that should be given regarding care of the newborn postpartum.

29. Describe the status of the newborn that should be observed before the midwife completes discharge postpartum.

30. Explain the normal course of newborn follow-up visits after the birth.

31. Discuss the how to direct parents in the care of both the circumcised and uncircumcised infant's penis.
32. Discuss the management of thrush in the newborn.

33. Discuss the management of colic in the newborn.

34. Discuss the management of diaper rash in the newborn.

35. Discuss the management of a newborn that is having a problem latching on to the breast.

36. Discuss the management for a newborn with cradle cap.