



Commonsense Childbirth
School of Midwifery

Direct Entry Midwifery Curriculum

Outline and Course Descriptions

September 2022

Student Achievement

Our programs have achieved exceptional success with our past cohorts. We are happy to share our student achievement rates from July 1, 2020 to June 30, 2021 below:

| Achievement Measure | Direct Entry Program | Endorsement Program |
|----------------------|----------------------|---------------------|
| Retention | 80% | 100% |
| Completion | 71% | 100% |
| NARM Pass | 100% | 100% |
| Graduation Placement | 100% | 100% |

Courses and Clinical Overview

Direct-Entry Midwifery

The Direct-Entry Midwifery program is designed to meet the educational needs of the student who enrolls with no prior midwifery or nursing education and requires the completion of our Midwifery Core Curriculum.

This program provides students with the academic and clinical learning experiences required for graduation pursuant to Florida's Midwifery Practice Act, FS 467.009 and the Department of Health, Council of Licensed Midwifery. The Midwifery Core Curriculum is 2332.5 clock hours over three years.

"A student midwife, during training, shall undertake, under the supervision of a preceptor, the care of 50 women in each of the antenatal, intrapartum, and postpartum periods, but the same women need not be seen through all three periods. The student midwife shall observe an additional 25 women in the intrapartum period before qualifying for a license." FS 467.009

Each birth experience is different and unique. Knowing this, the exact number of hours required to attend the mandated number of birth experiences will vary. However, students will spend at least 1350 clock hours in the clinical setting. Students must understand that the time spent at a birth may be in addition to the externship hours listed in the curriculum.

Graduates of the Direct-Entry Midwifery Program will be eligible to sit for the North American Registry of Midwives (NARM) exam. The NARM is the Florida licensing exam for the midwifery profession. Graduates will also receive a diploma from CCSM. Students must pass the NARM exam and be granted licensure by the Council of

MIDWIFERY PROGRAMS OVERVIEW

1. DIRECT-ENTRY MIDWIFERY PROGRAM

DIRECT-ENTRY MIDWIFERY PROGRAM

(including clinical externship) **In-Person and Hybrid**

| | |
|---|--|
| Training Program Name | Direct-Entry Midwifery Program (In-Person and Hybrid) |
| Designation | Diploma in Midwifery |
| Eligibility | <ul style="list-style-type: none"> <input type="checkbox"/> Be 18 years of age or older <input type="checkbox"/> Be fluent in English <input type="checkbox"/> Meet technical performance standards for admission <input type="checkbox"/> Hold a high school diploma, or its equivalent <input type="checkbox"/> Have basic technological skills and abilities <input type="checkbox"/> Have 3 college credits each in Math & English, and a complete Anatomy and Physiology series* |
| Description | Three year direct-entry midwifery program, 30 months duration which leads to a diploma in midwifery. Clock Hours: 2332.5 Credits: 90 |
| Application, Enrollment, Admission Requirements and Prerequisites | <p>CCSM does not discriminate on the basis of race, sex, color, religion, or national origin. Students are admitted on an annual basis. Continuance for each successive year will be based on attitude, behavior, and the academic achievement of the student and is entirely the decision of the school.</p> <p>CCSM will base its admission decisions on an overall evaluation of applicants' merits, strengths, and weaknesses. Applicants should demonstrate combinations of academic preparation, aptitude, motivation, and maturity that promise success in a professional midwifery program. CCSM does not use a rigid set of rules. Admission to the school is at the discretion of the Program Director.</p> <p>Application fee is \$150 and is non-refundable. Students must submit a completed application package and attend a personal interview with admissions personnel. To practice as a Florida Licensed Midwife applicants must not have any former or current felony on record or have been terminated from any state or federal Medicaid program. After acceptance, the student will be given a copy of the Program Catalog one week before enrolling. The Enrollment Agreement and the Program Catalog constitute a binding contract between the institution and the student and no further modification or representation except as herein expressed by both parties will be recognized.</p> <p>All programs require students to complete a four-hour HIV/AIDS course or one-hour update if a currently licensed healthcare provider before starting. (A further HIV/AIDS refresher course will be provided during the program).</p> |

| | |
|------------|---|
| | <p>Prior to enrolling, the student must complete the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Doula Certification <input type="checkbox"/> Childbirth Education Training <input type="checkbox"/> Breastfeeding /Lactation Education Training <input type="checkbox"/> Certification in CPR for Healthcare Professionals and First Aid <input type="checkbox"/> Certification in Neonatal Resuscitation Program (NRP) |
| Cost | <p>\$28,390</p> <p>Application fee is \$150 and is non-refundable. Tuition fees are due per the contract signed at enrollment. Students are responsible for the purchase of textbooks. Lists will be provided at Student Orientation meetings and at the beginning of any session when updates/changes are made for textbooks.</p> <p>Tuition: \$27,000. Application Fees: \$150. Books and Supplies: \$1,240. Travel & Accommodations: \$9,000</p> |
| Format | <p>All classes, clinicals and work validation completed by:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Lecture <input type="checkbox"/> Project Presentation/Analysis <input type="checkbox"/> Written examination/ term paper/ research paper <input type="checkbox"/> Lab <input type="checkbox"/> Externship <input type="checkbox"/> Demonstration/practicum <input type="checkbox"/> Final projects, presentation, report, interview |
| Validation | <p>Classes, practicum, and work verification are delivered by the Program Director, Faculty and Preceptors. (Figure 1)</p> <p>The direct entry student completes 832.5 classroom clock hours, 55.5 credits; 135 lab clock hours, 4.5 credits and 1350 externship clock hours, 30 credits during which time the student will complete the observation of 25 women in the intrapartum period and the managed care of 50 women in each of the prenatal, intrapartum, and postpartum periods, and 50 newborn exams.</p> |
| Objectives | <ol style="list-style-type: none"> 1. To provide education and training that will give the student proficiency in the safe practice of midwifery. 2. To prepare the graduate to pass the North American Registry of Midwives (NARM) national midwifery certification examination. 3. To prepare the graduate to be employed as a midwife, community health care provider, or in a public health capacity; or to establish and operate an independent midwifery practice. |
| Class Size | <p>Enrollment is limited to 25 students per class.</p> |

| | |
|-------------------------|---|
| New Student Orientation | <p>All students who are attending CCSM for the first time are required to attend an orientation.</p> <p>There is no charge for this orientation; however, it will appear on the student's transcript.</p> |
|-------------------------|---|

* Or demonstrate competencies by passing the College Level Equivalent Proficiency (CLEP) with a score of 45 or higher, or have passed the College Level Academic Scholastic Test (CLAST) with a score of 295 or higher.

****1 Clock Hour is equivalent to a period of 60 minutes with a minimum of 50 minutes of instruction in the presence of an instructor.**

Figure 1: DIRECT-ENTRY MIDWIFERY PROGRAM COURSEWORK

| Course No. | Course Title | Course Credits | In Person Clock Hours |
|--------------------------------|--|----------------|-----------------------|
| Year One Semester One | | | |
| 1110 | Legal and Ethical Aspects of Midwifery | 2 | 30 |
| 1140 | Perinatal Evidence Based Care | 1 | 15 |
| 1170 | Community Health Worker | 3 | 45 |
| 1190L | Health Care Skills Lab | 1 | 30 |
| 1190E | HealthCare Skills Externship | 3 | 135 |
| Year One Semester Two | | | |
| 1220 | Anatomy and Physiology of the Reproductive Cycle | 3 | 45 |
| 1230 | Communication Skills | 2 | 30 |
| 1240 | Microbiology for Midwives | 1 | 15 |
| 1250 | Cultural Humility | 1 | 15 |
| 1291L | Midwifery Skills Lab I | 0.5 | 15 |
| 1291E | Midwifery Skills Externship I | 4 | 180 |
| Year One Semester Three | | | |
| 1310 | Nutrition for Pregnancy Lactation and General Life | 2 | 30 |
| 1320 | Normal Antepartum | 3 | 45 |
| 1330 | Embryology / Fetal Growth and Development | 2 | 30 |

| | | | |
|------------------------------|---|------------|------------|
| 1392L | Midwifery Skills Lab II | 0.5 | 15 |
| 1392E | Midwifery Skills Externship II | 4 | 180 |
| Year Two Semester One | | | |
| 2110 | Psychology and Counseling for Midwives | 2 | 30 |
| 2120 | Abnormal Antepartum | 2 | 30 |
| 2130 | Diagnostic Testing | 2 | 30 |
| 2193L | Midwifery Skills Lab III | 0.5 | 15 |
| 2193E | Midwifery Skills Externship III | 4 | 180 |
| Year Two Semester Two | | | |
| 2210 | Pharmacology | 3 | 45 |
| 2250 | Epidemiology | 2 | 30 |
| 2260 | HIV/AIDS | 0.5 | 7.5 |
| 2220L | Suturing Lab | 1 | 30 |
| 2294L | Midwifery Skills Lab IV | 0.5 | 15 |
| 2294E | Midwifery Skills Externship IV | 3 | 135 |

| | | | |
|--------------------------------|--|------------|------------|
| Year Two Semester Three | | | |
| 2310 | Normal Intrapartum | 3 | 45 |
| 2320 | Normal Postpartum and Lactation | 1 | 15 |
| 2330 | Alternative Pharmacology | 2 | 30 |
| 2350 | Neonatal Pediatrics | 1 | 15 |
| 2395L | Midwifery Skills Lab V | 0.5 | 15 |
| 2395E | Midwifery Skills Externship V | 4 | 180 |
| Year Three Semester One | | | |
| 3110 | Abnormal Intrapartum | 2 | 30 |
| 3120 | Abnormal Postpartum | 1 | 15 |

| | | | |
|----------------------------------|--|-----------|---------------|
| 3140 | Neonatology | 1 | 15 |
| 3150 | Collaborative Management | 1 | 15 |
| 3160 | Parenting and the Childbearing Year | 1 | 15 |
| 3196L | Midwifery Skills Lab VI | 0.5 | 15 |
| 3196E | Midwifery Skills Externship VI | 4 | 189 |
| Year Three Semester Two | | | |
| 3220 | Gynecology | 1 | 15 |
| 3230 | Family Planning | 1 | 15 |
| 3240 | NARM Exam Review | 3 | 45 |
| 3297L | Midwifery Skills Lab VII | 0.5 | 15 |
| 3297E | Midwifery Skills Externship VII | 4 | 180 |
| Year Three Semester Three | | | |
| 3310 | JJ Way Community Care | 2 | 30 |
| 3320 | Perinatal Statistics/ Infant Mortality | 1 | 15 |
| 3330 | Establishing and Managing a Practice | 2 | 30 |
| | TOTAL: | 90 | 2332.5 |

Semester Credit : Hours Ratio: 1 credit = 45 hours

CCSM 3 Year Midwifery Program

Total program credits: 90

Total program hours: 2332.5

Lecture – 54.5 credits @ 15 hours/credit = 817.5 hours

Lab – 5.5 credits @ 30 hours/credit = 165 hours

Externship – 30 credits @ 45 hours/credit = 1350 hours

Program breakdown

35% Theory/Lecture

7% Lab

58% Clinical Externship

COURSE DESCRIPTIONS

CCSM course numbers are four digit numbers unique to each course.

- An E after the number denotes an externship. An L after the number denotes a lab.
- The first numeral indicates which year of the program the course is typically taken, except for courses related to the Licensure by Endorsement program which begin with a 4.
- The second numeral indicates the semester in that year that the course is offered.
- The third numeral is an arbitrarily chosen number denoting the specific course itself.
- The fourth numeral is a zero unless the course is one of a sequence (e.g. the Externship classes), in which case it indicates that course rank in the sequence.

Abnormal Antepartum 2120

30 clock hours, 2 credits, prerequisites: 1320 Normal Antepartum

This course teaches how to differentiate between high and low risk pregnancy, prevention, identification and management of pregnancy complications including consultation, referral, collaborative management and transfer of care.

Abnormal Intrapartum 3110

30 clock hours, 2 credits, prerequisites: 2310 Normal Intrapartum

This course differentiates normal and abnormal labor and delivery; prevention, identification and management of complications; the scope of midwifery practice with protocols for consultation, referral, transfer of care, emergency and non-emergency transport; and providing emergency management while accessing medical services.

Abnormal Postpartum 3120

15 clock hours, 1 credit, prerequisites: 3110 Normal Postpartum & Lactation

This course teaches how to differentiate between normal and abnormal postpartum scenarios, prevention, identification and management of maternal and neonatal complications including protocols for consultation, referral, transfer of care, emergency and non-emergency transport.

Alternative Pharmacology 2330

30 clock hours, 2 credits, prerequisites: 2210 Pharmacology

This course provides an overview of alternatives to allopathic medicine with introductions to varied modalities such as herbal medicine, naturopathy, homeopathy, chiropractic, massage, acupuncture and traditional Chinese medicine, as applicable to midwifery care.

Alternative Pharmacology 4155

30 clock hours, 2 credits, prerequisites: 4150 Applied Pharmacology, Epidemiology and Laboratory Diagnostics

Through this course the student will learn alternatives to allopathic medicine with introductions to varied modalities such as herbal medicine, homeopathy, chiropractic, massage, acupuncture and traditional Chinese medicine. The student will interview individual practitioners with expertise in their respective fields to learn theories and techniques of healing, what modalities can be used safely for which conditions, which are contraindicated in midwifery care, when alternatives are appropriate and when conditions warrant allopathic interventions.

Anatomy and Physiology of the Reproductive Cycle 1220

45 clock hours, 3 credit, prerequisites: **A two semester Anatomy and Physiology series from a postsecondary accredited institution within the last 10 years with a grade of C or higher**

This course reviews the structure and function of the human body with special emphasis on changes and demands on the body systems in the childbearing year and covers structure and function of the male and female reproductive systems, fertility, the menstrual cycle, conception, pregnancy, miscarriage, birth, lactation and menopause from a biophysical perspective.

Applied Pharmacology, Epidemiology and Laboratory Diagnostics 4150

45 clock hours, 3 credits, prerequisites: none

This course covers drugs used in midwifery practice, medication management of complications, client education and consent; comparison of infant mortality rates, evaluating and applying research findings; and labs, screening and diagnostic tests required for midwifery care in accordance with laws and rules governing the practice of Licensed Midwifery in Florida.

Collaborative Management 3150

15 clock hours, 1 credit, prerequisites: 2120 Abnormal Antepartum, 3110 Abnormal Intrapartum

This course will review the indications for consultation, referral and collaborative care according to F.S.467, The Midwifery Practice Act. Through role playing and case presentation, students will explore the role of a Licensed Midwife as a member of a healthcare team while learning skills for communicating as a medical professional. Ongoing risk assessment during prenatal and intrapartum to determine the appropriate site and provider for each client will be emphasized. Interpreting data to identify current and potential health problems and needs, establishing a collaborative plan with a physician, and ensuring clients' safety and dignity during transport will be discussed. Students will assess and evaluate current research in the area of perinatal health.

Complications of Pregnancy, Birth, Postpartum and the Newborn 4130; 30 clock hours, 2 credits, prerequisites: 4120 Normal Midwifery and Management; 4135 Midwifery Care of the Newborn

This course covers assessments during pregnancy, labor, birth and the postpartum, the identification, prognosis, management or transfer of care for various complications in pregnancy, labor, birth and the postpartum in accordance with laws and rules governing the practice of Licensed Midwifery in Florida.

Communication and Interpersonal Skills and American Terminology 4140

30 clock hours, 2 credits, prerequisites: none

This course covers the reasons for and process of consultation, referral, collaboration with and transfer of care to other health professionals, the midwife's role as part of the health care team in accordance with Florida midwifery laws and rules. Students will explore their personality type and how it might affect communication and interpersonal skills with clients and other healthcare professionals. The course also covers American medical and midwifery terminology.

Communication Skills 1230

30 clock hours, 2 credits, prerequisites: none

This course encourages personal growth through group projects and discussions. Topics will include self-esteem, assertiveness, and effective stress management techniques. Theories of psychological development and strategies for change will be explored through self assessment and class activities. The students will learn to apply this knowledge to their personal and professional relationships in order to become more efficient and effective midwives. Emphasis will be placed on listening and communication skills and problem solving techniques.

Community Health Worker 1170

45 clock hours, 3 credits, prerequisites: none

This course prepares students to become community-based providers and front-line health workers who, by virtue of their trusted status in the community, serve as a liaison, link and intermediary between health services and the community, to facilitate access to services and improve the quality and cultural competence of service delivery. Students will also learn the scope of practice of a Doula, a perinatal educator, providing culturally sensitive social support, coping with non-medical complications in pregnancy, labor, newborn care and breastfeeding. This course meets the training standards to become a Certified Doula as well as meeting eligibility criteria for certification as a Community Health Worker through the Florida Certification Board.

Cultural Humility 1250

15 clock hours, 1 credit, prerequisites: 1230 Communication Skills

The purpose of this course is to prepare midwifery students to provide culturally competent care to their clients. By providing multiple, integrated perspectives, this

course seeks to enrich students' appreciation for the diversity of human religious and cultural expressions. An introduction to religious beliefs and practices worldwide is incorporated.

Diagnostic Testing 2130

30 clock hours, 2 credits, prerequisites: 1320 Normal Antepartum (concurrent enrollment); Microbiology for Midwives 1240

This module is designed to familiarize the student with the numerous laboratory and diagnostic tests that can be ordered to assist in diagnosing, monitoring and treating the client, including those required by Florida Law. The focus of this course will be on pregnancy and the changes in laboratory results observed during pregnancy. Also included in this course will be techniques in proper specimen collection and assessment of the appropriate specimen.

Embryology, Fetal Growth and Development 1330

30 clock hours, 2 credits, prerequisites: none

This course follows the conceptus from fertilization through the embryonic and fetal stages of growth and development, including genetics, inheritance, genetic diseases, congenital anomalies, developmental disorders and potential teratogenic agents.

Epidemiology 2250

30 clock hours, 2 credits, prerequisites: 2130 Diagnostic Testing

In this course, students will gain an essential understanding of blood-borne pathogens, communicable diseases and immunodeficiency diseases, with an emphasis on effects during pregnancy, childbirth and lactation. Ethics and public health issues are included.

Establishing and Managing a Practice 3330

30 clock hours, 2 credits, prerequisites: none

This course is an overview of the professional, legal and ethical issues related to establishing and maintaining a practice. Emphasis will be on establishing a business plan and working collaboratively with other health care providers as well as the everyday workings and administration of practice. Additional topics covered also include malpractice insurance options, choosing a midwifery partner, the employer-employee relationship, scheduling, obtaining medical equipment, pharmaceuticals, backup with area physicians and hospitals, quality improvement, preventing litigation, and the benefits and problems of working with insurance, HMOs and Medicaid. Billing and coding will also be discussed.

Establishing a Practice/Employment Seeking 4170

30 clock hours, 2 credits, prerequisites: none

This course covers the professional, legal and ethical issues related to establishing and maintaining a midwifery practice in Florida. Emphasis will be on establishing a business plan, working with other maternity care providers and seeking employment in other practices.

Family Planning 3230

15 clock hours, 1 credit, prerequisites: 3220 Gynecology (concurrent enrollment)

This course will teach the menstrual cycle, natural family planning and other methods of contraception, fertility awareness and enhancement, conception, issues involved in decision-making regarding unwanted pregnancies, values clarification, and resources for counseling and referral.

Gynecology 3220

15 clock hours, 1 credit, prerequisites: 3230 Family Planning (concurrent enrollment)

This course is an introduction to the fundamentals of well-woman care from the onset of menarche through menopause including history and physical examination. Students will gain the knowledge and skills to provide care, support and information to women regarding their overall reproductive health including understanding the normal life cycle of women. Topics will include causes, evaluations and treatments for problems associated with the female reproductive system and breasts, and women's health issues such as sexuality, depression, anxiety, cancer screening, prevention of osteoporosis and heart disease including medical and "alternative" modalities for prevention, assessment and treatment.

Health Care Skills Lab 1190L, Externship 1190E Lab 30 clock hours, 2 credits;

Externship 135 clock hours, 3 credits, prerequisites: none

This course and Externship includes theory and practice of healthcare skills in midwifery including vital signs, aseptic techniques, charting and medical terminology. The clinical environment is introduced.

HIV/AIDS 2260

7.5 clock hours, 0.5 credit, prerequisites: 2250 Epidemiology (concurrent enrollment)

Students will learn about prevention, transmission, progression and treatment of HIV/AIDS including Florida law and CDC guidelines for testing and treatment during pregnancy, intrapartum and postpartum and recommendations regarding breastfeeding.

HIV/AIDS for Endorsement 4160

7.5 clock hours, 0.5 credit, prerequisites: none

This course covers prevention, transmission, progression and treatment of HIV/AIDS, the prevalence of HIV infection in Florida, current CDC guidelines for testing and treatment, community resources and treatment options, and considerations for clients during the childbearing year.

JJ Way® Community Care 3310

15 clock hours, 1 credit, prerequisites: 2140 Midwifery Counseling

This course covers the role of the midwife in affecting the surrounding community by supporting women who may not otherwise receive prenatal care. This training provides ways to negotiate and navigate through the perinatal health care systems for women and babies who are at particular risk by encouraging collaboration and the sharing of knowledge and resources. Topics covered will include each level of the perinatal hierarchy, methods of access and approaches to increase linkages. The JJ Way® is a maternal child health care system which promotes the four tenets of access, connections, knowledge and empowerment as an advocacy tool to decrease health disparities, improve birth outcomes, and reduce costs.

Legal and Ethical Aspects of Midwifery 1110

30 clock hours, 2 credits, prerequisites: none

This course covers Florida Law and Rules affecting midwifery practice, the Health Insurance Portability and Accountability Act (HIPAA) requirements, history of midwifery, the legislative and rule-making processes, state licensing and national certification, as well as the roles of state and national private and governmental agencies. Medical terminology, medical errors prevention, charting and documentation, ethics and principles of informed consent are covered. Students will develop their own statements of philosophy and ethics. The student's Protocol Notebook will be introduced.

Legal, Ethical and Professional Aspects of Midwifery and Florida Rules and Laws 4110

45 clock hours, 3 credits, prerequisites: none

This course covers state and federal law and rules affecting midwifery practice in Florida, the legislative and rule-making process, state licensing and national certification, the roles of state and national private and governmental agencies, including the Council of Licensed Midwifery, the Florida Department of Health and midwifery professional associations. Florida midwifery history, medical errors prevention, collaborative care, ethics, and principles of shared decision-making are included.

Microbiology for Midwives 1240

15 clock hours, 1 credit, prerequisites: none

This course is a survey of basic principles and concepts in microbiology, virology and immunology as they relate to midwifery and the pathogenicity of microorganisms as they affect various body sites.

Midwifery Care of the Newborn 4135

30 clock hours, 2 credit, prerequisites: none

CCSM PROGRAM CATALOG

This course covers assessment of the newborn, the midwife's role and responsibilities during the neonatal period, initiating bonding, breastfeeding, parent education and postpartum follow up. Included are complications of the newborn, identifying and managing abnormal findings, when to transfer to the NICU, communication with the pediatrician, resources and referrals to lactation counselors and other professional services to help parents cope with challenging situations.

Midwifery Skills Lab I 1291L, Externship I 1291E Lab 15 clock hours, 0.5 credit; Externship 180 clock hours, 4 credits, prerequisites: 1190L Nursing Skills

The course introduces the student to clinical requirements. Externship will include orientation to midwifery practice in various settings, and opportunities to observe prenatal, intrapartum, postpartum and neonatal care. Students will be expected to complete a skills assessment at the conclusion of the course.

Midwifery Skills Lab II 1392L, Externship II 1392E Lab 15 clock hours, 0.5 credit; Externship 180 clock hours, 4 credits;

prerequisites: 1291E Midwifery Skills Externship I

The course teaches physical assessment and preparation for clinical experiences and will include a weekly clinical seminar. Externship will include observing and participating in prenatal, intrapartum, postpartum and neonatal care in various settings. Students will be expected to complete a skills assessment at the conclusion of the course.

Midwifery Skills Lab III 2193L, Externship III 2193E Lab 15 clock hours, 0.5 credit; Externship 180 clock hours, 4 credits;

prerequisites: 1392E Midwifery Skills Externship II

The course prepares students for an active role on the clinical site including participating in client prenatal, intrapartum, postpartum and neonatal care in various settings and will include a weekly clinical seminar. Students will complete a skills assessment at the conclusion of the course.

Midwifery Skills Lab IV 2294L, Externship IV 2294E Lab 15 clock hours, 0.5 credit; Externship 135 clock hours, 3 credits;

prerequisites: 2193E Midwifery Skills Externship III

The student will be prepared to actively assist during prenatal, intrapartum, postpartum and neonatal care in various clinical settings. The course will include a weekly clinical seminar. Students will complete a skills assessment at the conclusion of the course.

Midwifery Skills Lab V 2395L, Externship V 2395E Lab 15 clock hours, 0.5 credit; Externship 180 clock hours, 4 credits;

prerequisites: 2294E Midwifery Skills Externship IV

Under supervision of a primary clinical preceptor, the student will be expected to begin primary responsibility for certain aspects of client prenatal, intrapartum, postpartum

and neonatal care in clinical settings including out of hospital delivery. Continuity of care will be required for a minimum of 3 clients. The course includes a weekly clinical seminar. Students will complete a skills assessment at the conclusion of the course.

Midwifery Skills Lab VI 3196L, Externship VI 3196E Lab 15 clock hours, 0.5 credit; Externship 180 clock hours, 4 credits;

prerequisites: 2395E Midwifery Skills Externship V

This course prepares students for primary management of clients during pregnancy, labor, delivery and the postpartum including management of the newborn in birth center and/or homebirth. The course includes a weekly clinical seminar. Students will complete a skills assessment at the conclusion of the course.

Midwifery Skills Lab VII 3297L, Externship VII 3297E Lab 15 clock hours, 0.5 credit; Externship 180 clock hours, 4 credits;

prerequisites: 3196E Midwifery Skills Externship VI

Upon the completion of this course the midwifery student will be prepared to assume primary responsibility for the client throughout the childbearing year, and to provide care and assessment of the newborn baby. The course includes a weekly clinical seminar. Students will complete a skills assessment at the conclusion of the course, which will demonstrate satisfactory completion of all NARM required clinical skills and experiences.

Midwifery Skills for Endorsement Lab 4190L

15 clock hours, 0.5 credit, prerequisites: none

This course prepares students for their clinical experiences in Florida. Students will complete a skills assessment at the conclusion of the course, which will demonstrate satisfactory completion of all NARM required clinical skills and experiences.

Midwifery Skills for Endorsement Externship 4190E

135 clock hours, 3 credits, prerequisites: none

Externship will include observing and participating in prenatal, intrapartum, postpartum and neonatal care in various settings within the State of Florida. The student will provide, under supervision, primary management for the client during the childbearing year including examination and management of the newborn. The course includes a weekly clinical seminar.

NARM Exam Review 3240

45 clock hours, 3 credits, prerequisites: none

This course is a review in preparation for the North American Registry of Midwives (NARM) examination for licensure to practice as a Midwife in the State of Florida. Also covered will be multiple choice test construction and test taking strategies.

NARM Exam Review for Endorsement 4180

30 clock hours, 2 credits, prerequisites: none

Successfully passing the North American Registry of Midwives national certification examination is required for all midwifery graduates to earn a Florida midwifery license. This course provides a review for the NARM examination, incorporating both academic knowledge and practical application in the clinical care of clients during pregnancy, labor, delivery, postpartum, well person gynecology, and assessment and care of the newborn, including mainstream and alternative therapies. Students will learn multiple choice test construction, test taking skills and test anxiety reduction techniques.

Neonatal Pediatrics 2350

15 clock hours, 1 credit, prerequisites: 1330 Embryology/Fetal Growth and Development

This course covers basic anatomy and physiology of the newborn, transition from intrauterine to extrauterine life, normal newborn appearance and behavior, the midwife's role and responsibilities during the neonatal period, initiating breastfeeding or bottle feeding, the 24-48 hour postpartum home visit, and postpartum follow up. Upon completion the student will be able to perform the complete newborn exam, assess normal neurological reflexes, administer eye prophylaxis, Vitamin K, provide appropriate education to the parents and referrals for infant metabolic and audiology screening.

Neonatology 3140

15 clock hours, 1 credits, prerequisites: **2350 Neonatal Pediatrics**

This course covers complications of the newborn. The signs and symptoms of impending problems, physical exams, identifying and managing abnormal findings, common medications and when to transfer to the NICU will be discussed.

Maintaining good relationships and communicating effectively with the pediatrician are included, as well as referrals to lactation counselors and other professional services to help parents coping with difficulties including breastfeeding problems, prematurity, multiples, congenital anomalies and other challenging situations.

Normal Antepartum 1320

45 clock hours, 3 credits, prerequisites: 1220 Anatomy and Physiology of the Reproductive Cycle

This course will cover the initial contact with a pregnant client through the onset of labor and the role of the midwife in helping to achieve optimal pregnancy outcome. Normal pregnancy will be emphasized. A wide range of topics will be covered including establishing pregnancy, determining due date, deviations from the normal pregnancy and physiologic basis of solutions for the common discomforts of pregnancy, the schedule of prenatal care, assessments, interventions, testing, education and guidance throughout the course of pregnancy, Initial and ongoing evaluation of wellbeing, strategies and guidance for risk prevention and warning signs. The class will integrate the medical and midwifery models while providing the

foundation for the student to begin the evolution toward providing primary care at clinical sites.

Normal Intrapartum 2310

45 clock hours, 3 credits, prerequisites: 1320 Normal Antepartum

This course will cover the steps of the normal labor process including mechanisms of labor and birth. Students will use their knowledge of the anatomy and physiology of the maternal pelvis and fetal anatomy as well as how to assess the mother and baby's well being and screen for complications in each stage of labor with reference to midwifery practice rules.

Normal Midwifery and Neonatal Care and Management 4120

30 clock hours, 2 credits, prerequisites: none

This course covers identification and management of normal pregnancy, labor, birth and the postpartum, including physiological and psychosocial changes, client education and counseling, with attention to the midwife's role and responsibilities in accordance with laws and rules governing the practice of Licensed Midwifery in Florida.

Normal Postpartum and Lactation 2320

15 clock hours, 1 credit, prerequisites: 2310 Normal Intrapartum

In this course the midwifery student will gain an understanding of the normal events in the immediate postpartum and ensuing days. The cause of postpartum discomforts and how to alleviate them will be taught. Postpartum nutritional requirements, emotional changes, bonding, mothering concerns, evaluations and counseling of the client will be covered and students will learn how to monitor the needs of the mother and child in the "fourth trimester" including conducting the postpartum visits. Responsibility for filing the birth certificate is included. Review of the anatomy and physiology of the breast, changes during pregnancy and lactation, and prepares the student midwife to assess and provide anticipatory guidance regarding maternal nutrition, initiating and establishing successful breastfeeding, recognizing and managing common breastfeeding problems, and referral to community resources and breastfeeding products. It also addresses cultural barriers to knowledge and support to breastfeeding families and health practitioners.

Nutrition for Pregnancy, Lactation and General Life 1310

30 clock hours, 2 credits, prerequisites: none

This course will provide the student with a foundation of nutrition and will focus on assessment and counseling skills. Nutritional requirements during pre-pregnancy, pregnancy, lactation, postpartum and infancy will be covered including topics such as food safety, factors that affect weight gain during pregnancy, care plans for pregnant women with eating disorders, nutritional and fluid demands of women with prolonged labor and many others. The physiological and immunological components of breast milk will also be reviewed.

Parenting and the Childbearing Year 3160

15 clock hours, 1 credit, prerequisites: 2110 Psychology for Midwives

In this course, we explore parenting styles as they relate to personality types, culture/ethnicity, and family dynamics. This course will review simple techniques for teaching infant care and parenting skills to the future mother and her partner and discuss issues such as feeding, sibling preparation, immunization, circumcision, “spoiling” the baby and infant safety. Additionally it will review human sexuality, childbirth preparation, parenting issues, principles of informed consent, and clients' rights and responsibilities.

Perinatal Evidence Based Care 1140

15 clock hours, 1 credit, prerequisites: none

This course will cover the basics of evidence based care through the lens of the perinatal period including the exploration of current research, barriers to providing evidence based care, solutions to reducing the evidence practice gap and hands-on practice with evidence based comfort measures.

Perinatal Statistics/Infant Mortality 3320

15 clock hours, 1 credit, prerequisites: 3110 Abnormal Intrapartum

This course covers bio-statistical principles and epidemiological methods as applied to midwifery and perinatal health. Students will evaluate research literature in midwifery.

Pharmacology 2210

45 clock hours, 3 credits, prerequisites: 2130 Diagnostic Testing

This course presents basic principles of pharmacology, pharmacokinetics and drug therapy for pregnancy, birth and postpartum. Students will explore, among other topics, routes of administration, the nervous system and chemical interactions in the body, pregnancy drug categories and potential effects on the developing fetus, the “rights” of administration, management of idiosyncratic reactions and anaphylaxis, and other knowledge necessary for safe administration of medications. Prevention of medical errors as regards to pharmacology and medical charting procedures will be covered.

Psychology and Counseling for Midwives 2110

30 clock hours, 2 credit, prerequisites: 1220 Anatomy and Physiology of the Reproductive Cycle, 1250 Cultural Humility

This course, developed especially for midwives, is the psychological study of the changes that occur in people and their behavior during the lifespan. Special emphasis will be given to women's development from puberty to menopause with highlights on the normal psychology of women during pregnancy, childbirth and postpartum. This course also covers the knowledge and skills needed to counsel clients and family

members in labor and birth related issues. Emotional, psychological, and spiritual issues will be discussed in this course. Topics include depression during the childbearing year, domestic violence, disclosing diagnostic testing results, caring for abuse survivors, adoption, loss, and the grieving process. Through case studies, students will develop care plans to meet the psychosocial and affective needs of clients and referral to mental health services and providers. Other areas of study will include fetal neural development, assessment of infant cognitions and social perspectives on motherhood, reproductive justice, and the effect of culture on women and families.

Suturing Lab 2210L 15 clock hours, 1 credit; Lab 30 clock hours, 1 credit, prerequisites: 3120 Abnormal Postpartum

This course is designed to integrate theory and principles of suturing with practical experience and knot tying techniques on laboratory models. Students will gain an understanding of relevant anatomy and physiology, cause and prevention of lacerations, severity of wounds, pre-suturing assessments, relaxation techniques to be used during the suturing process, postpartum assessment of the sutured area and teaching techniques to aid the client in facilitating the healing process. Principle of asepsis and topical anesthesia will be covered. Learning objectives will be met through a combination of lecture, reading assignments, hands on practicum and visual aids.