

**BOONE CAREER AND TECHNICAL CENTER
SCHOOL OF PRACTICAL NURSING
9131/9132 PRACTICAL NURSING – OBSTETRICS & PEDIATRICS
COURSE SYLLABUS**

MISSION: Boone Career and Technical Center enriches lives locally, regionally, and globally by providing occupational education and training for lifelong learning and professional success.

VISION: Your Goals. Our Mission

PROGRAM OF STUDY:	PRACTICAL NURSING
COURSES:	PRACTICAL NURSING – OBSTETRICS PRACTICAL NURSING – PEDIATRICS PRACTICAL NURSING – SOCIAL SCIENCE INTEGRATED
Term:	3
Obstetric Hours:	Theory/Lab – 32 Hours, Clinical – 32 Hours
Pediatric Hours:	Theory/Lab- 32 Hours, Clinical – 32 Hours
Social Science Integrated Hours:	20 Hours
Prerequisites:	PRACTICAL NURSING PRINCIPLES AND FUNDAMENTALS
Program Coordinator:	Paula Webb, RN pholstei@k12.wv.us
Instructor:	Kelly Harless, RN kelly.harless@k12.wv.us
Instructor Office Location:	107
Instructor Phone:	(304) 369-4585
Instructor Office Hours:	Monday – Friday, 2:30 p.m. – 3:00 p.m.

Course Description:

The Practical Nursing Obstetrics and Pediatrics courses introduce the nursing student to the anatomy, physiology, pathophysiology, and psychology of infants and children. Students learn techniques of caring for the pregnant woman, infant, and child. Normal processes of growth and development are discussed as they pertain to prenatal development, infancy, and childhood. Maternal health, family-centered care, wellness, health promotion, illness prevention, and safety are discussed in detail as these topics relate to the child and adult.

Required Text and Other Materials Needed:

Introduction to Maternity and Pediatric Nursing, 9th Ed., Leifer
ISBN 9780323830911

Growth and Development Across the Lifespan, 3rd Ed., Leifer & Fleck
ISBN 9780323809412

Course Goals:

Upon completion of this course practical nursing students will be able to care for pediatric and obstetric patients safely and effectively. Students learn techniques for caring for the pregnant woman, infant, and child as well as normal growth and development across the lifespan. Practical nursing students learn maternal health and wellness concepts, health promotion, family-centered care, illness prevention and safety measures for pediatric and obstetric patients.

Course Schedule/Topic Outline:

Term Three: August 31 – December 18, 2026	
Sept. 7 – 11 OB Theory 8 Hours SSI- 2 Hours	1. <u>The Past, Present, and Future (1 Hour)</u> - Key Terms - The Past - The Present - The Future 2. <u>Human Reproductive Anatomy and Physiology (1 Hour)</u> - Key Terms - Puberty - Reproductive Systems - The Human Sexual Response - Get Ready for the NCLEX® Examination! - SKILLS LAB: Anatomage Male/Female Reproductive Systems 3. <u>Fetal Development (1 Hour)</u> - Key Terms - Cell Division and Gametogenesis - Fertilization - Development - Accessory Structures of Pregnancy - Fetal Circulation - Fetal Programming of Adult Health - Multifetal Pregnancy - SKILLS LAB: Fetal Circulation, Pregnancy 4. <u>Prenatal Care and Adaptations to Pregnancy (1 Hour)</u> - Key Terms - Goals of Prenatal Care - Preconception Care and Interconceptual Care - Prenatal Visits - Definition of Terms - Determining the Estimated Date of Delivery - Diagnosis of Pregnancy - Physiological Changes in Pregnancy - Nutrition for Pregnancy and Lactation - Exercise During Pregnancy - Smoking During Pregnancy - Travel During Pregnancy - Common Discomforts in Pregnancy - Psychosocial Adaptation to Pregnancy - Prenatal Education - Effect of Pregnancy and Lactation on Medication Metabolism - Immunizations During Pregnancy - Nursing Care During Pregnancy

	SKILLS LAB: Maternal Assessment, Anatomage- Birth Simulation & Reproductive System, Pregnancy Belly Activity, Fetal Development Project & DVD (4 Hours) Health Promotion and Maintenance- Developmental Stages and Transitions (2 Hours)
Sept. 14 – 18 OB Theory 8 Hours SSI: 2 Hours	5. <u>Nursing Care of Women with Complications During Pregnancy</u> (1 Hour) Key Terms Assessment of Fetal Health Pregnancy-Related Complications Pregnancy Complicated by Medical Conditions Environmental Hazards During Pregnancy Effects of a High-Risk Pregnancy on the Family 6. <u>Nursing Care of Mother and Infant During Labor and Birth</u> (1 Hour) Key Terms Cultural Influence on Birth Practices Settings for Childbirth Components of the Birth Process Normal Childbirth Admission to the Hospital or Birth Center Nursing Care of the Woman in False Labor Nursing Care Before Birth Stages and Phases of Labor Vaginal Birth After Cesarean Nursing Care During Birth Nursing Care Immediately After Birth Cord Blood Banking Microbiomes and Nursing Care During Labor and Delivery 7. <u>Nursing Management of Pain During Labor and Birth</u> (1 Hour) Key Terms Education for Childbearing Childbirth and Pain 8. <u>Nursing Care of Women with Complications During Labor & Birth</u> (1 Hour) Key Terms Obstetric Procedures Abnormal Labor Premature Rupture of Membranes Preterm Labor Prolonged Pregnancy Emergencies During Childbirth SKILLS LAB: Labor and Delivery Assessments and Care Management, Anatomage Birth Activities & DVD (4 Hours) SSI: Coordinated Care- Client Care, Establishing Priorities (2 Hours)
Sept. 21 – 25	9. <u>The Family After Birth</u> (1 Hour) Key Terms

OB Theory 8 Hours SSI: 2 Hours	Adapting Nursing Care for Specific Groups and Cultures Cultural Influences on Postpartum Care Postpartum Changes in the Mother Emotional Care Parenthood The Family Care Plan 10. <u>Nursing Care of Women with Complications After Birth (1 Hour)</u> Key Terms Shock Hemorrhage Thromboembolic Disorders Infections Mood Disorders The Homeless Mother and Newborn 11. <u>The Nurse's Role in Women's Health Care (1 Hour)</u> Key Terms Goals of Healthy People 2030 Preventive Health Care for Women Menstrual Disorders The Normal Vagina Gynecological Infections Family Planning Menopause 12. <u>The Term Newborn (1 Hour)</u> Key Terms Adjustment to Extrauterine Life Phase 3: Care of the Newborn SKILLS LAB: Postpartum Care Simulation Lab & Case Study, Newborn Assessments (2 Hours) Anatomage- Family Planning Activity (2 Hours) SSI: Coordinated Care- Client Care, Establishing Priorities (2 Hours)
Sept. 28 – Oct. 2 OB Theory 6 Hours SSI 2 Hours	13. <u>Preterm and Postterm Newborns (1 Hour)</u> Key Terms The Periviable Newborn The Preterm Newborn The Postterm Newborn Transporting the High-Risk Newborn Discharge of the High-Risk (Preterm Birth) Newborn 14. <u>The Newborn with a Perinatal Injury or Congenital Malformation (1 Hour)</u> Key Terms Malformations Present at Birth Metabolic Defects Chromosomal Abnormalities Perinatal Injuries

	Infant of a Diabetic Mother 15. <u>An Overview of Growth, Development, and Nutrition (1 Hour)</u> - Key Terms - Growth and Development - Nutrition - Play - Traveling with Children - Ongoing Health Supervision 16. <u>The Infant (1 Hour)</u> - Key Terms - General Characteristics - Development and Care - Community-Based Care: A Multidisciplinary Team - Illness Prevention - Infant Safety - Summary of Major Developmental Changes in the First Year SKILLS LAB: Newborn and Infant Assessment and Vital Signs, Anatomage Preterm Activity, Infant Care Simulations (2 Hours) SSI: Growth & Development- Infant (2 Hours)
Oct. 5 – 6 OB: 8 Hours Peds: 8 Hrs	<i>Clinicals: 16 Hours</i> W & C Hospital, WVU Medicine Peds Clinics
Oct. 7 – 9 Peds Theory /Lab 5 Hours SSI 2 Hours	17. <u>The Toddler (1 Hour)</u> - Key Terms - General Characteristics - Guidance and Discipline - Toilet Independence - Daily Care - Nutrition Counseling - Day Care - Injury Prevention - Toys and Play 18. <u>The Preschool Child (1 Hour)</u> - Key Terms - General Characteristics - Physical, Mental, Emotional, and Social Development - Guidance - Preschool - Daily Care - Accident Prevention - Play During Health and Illness - Nursing Implications of Preschool Growth and Development 19. <u>The School-Age Child (1 Hour)</u> - Key Terms

	General Characteristics Physical Growth Sexual Development Influences from the Wider World Play Latchkey Children Physical, Mental, Emotional, and Social Development Guidance and Health Supervision SKILLS LAB: Newborn, Growth and Development Assessments, G & D DVD & Case Studies (2 Hours) SSI Growth and Development- Toddler and Preschooler (2 Hours)
Oct. 12 - 13 OB: 8 Hours Peds: 8 Hrs	<i>Clinicals: 16 Hours</i> W & C Hospital, WVU Medicine Peds Clinics
Oct. 14 - 16 Peds 5 Hours SSI 2 Hours	20. <u>The Adolescent</u> (1 Hour) Key Terms General Characteristics Growth and Development Parenting the Adolescent Health Promotion and Guidance Common Problems of Adolescence The Nursing Approach to Adolescents 21. <u>The Child's Experience of Hospitalization</u> (1 Hour) Key Terms Health Care Delivery Settings The Child's Reaction to Hospitalization The Parents' Reactions to the Child's Hospitalization The Nurse's Role in the Child's Hospitalization Home Care 22. <u>Health Care Adaptations for the Child and Family</u> (1 Hour) Key Terms Admission to the Pediatric Unit Data Collection, Observation, and Recording Physiological Responses to Medications in Infants and Children Nursing Responsibilities in Administering Medications to Infants and Children Selected Procedures and their Adaptation to Children SKILLS LAB: Role play- Hospitalization of the Child and Family Dynamics, Care Planning, NCLEX Case Studies (2 Hours) SSI: Growth and Development- School-age and Pre-adolescent; G&D- Adolescent (2 Hours)
Oct. 19 - 20 OB: 8 Hours Peds: 8 Hrs	<i>Clinicals: 16 Hours</i> W & C Hospital, WVU Medicine Peds Clinics

Oct. 21 – 23 Peds 5 Hours SSI: 2 Hours	23. <u>The Child with a Sensory or Neurological Condition (1 Hour)</u> Key Terms The Ears The Eyes The Nervous System 24. <u>The Child with a Musculoskeletal Condition (1 Hour)</u> Key Terms Musculoskeletal System Musculoskeletal System: Differences Between the Child and the Adult Observation and Assessment of the Musculoskeletal System in the Growing Child Pediatric Trauma Disorders and Dysfunction of the Musculoskeletal System Family Violence Child Abuse 25. <u>The Child with a Respiratory Disorder (1 Hour)</u> Key Terms The Respiratory System SKILLS LAB: Assessments Sensorineural, Musculoskeletal, Respiratory Systems, Simulation Activity, NCLEX Case Studies (2 Hours) SSI: Care Coordination (2 Hours)
Oct. 26 - 27 OB: 8 Hours Peds: 8 Hrs	<i>Clinicals: 16 Hours</i> W & C Hospital, WVU Medicine Peds Clinics
Oct. 28 – 30 Peds 5 Hours SSI: 1 Hour	26. <u>The Child with a Cardiovascular Disorder (1 Hour)</u> Key Terms The Cardiovascular System 27. <u>The Child with a Condition of the Blood, Blood-Forming Organs, or Lymphatic System (1 Hour)</u> Key Terms Hematological System Anemias Bleeding Disorders Disorders of White Blood Cells Nursing Care of the Chronically ILL Child Nursing Care of the Dying Child 28. <u>The Child with a Gastrointestinal Condition (1 Hour)</u> Key Terms The Gastrointestinal Tract Disorders and Dysfunction of the Gastrointestinal Tract SKILLS LAB: Assessments Cardiovascular, Blood, and GI Systems, NCLEX Case Studies, Simulations (2 Hours) SSI: Growth & Development (1 Hour)

Nov. 2 – 6 Peds 5 Hours SSI: 2 Hours	29. <u>The Child with a Genitourinary Condition (1 Hour)</u> Key Terms Development of the Urinary Tract Development of the Reproductive Systems Assessment of Urinary Function Impact of Urinary or Genital Surgery on Growth and Development 30. <u>The Child with a Skin Condition (1 Hour)</u> Key Terms Skin Development and Functions Skin Disorders and Variations Sunburn Sunscreens Nursing Care of the Burned Child Frostbite 31. <u>The Child with a Metabolic Condition (1 Hour)</u> Key Terms Integration of the Nervous and Endocrine Systems Disorders and Dysfunction of the Endocrine System SKILLS LAB: Assessments Genitourinary, Skin, Metabolic Disorders, NCLEX Case Studies, Simulations (2 Hours) SSI: Coordinated Care- Client Care, Establishing Priorities (2 Hours)
Nov. 9 – 13 Peds 3 Hours SSI: 1 Hour	32. <u>Childhood Communicable Diseases, Bioterrorism, Natural Disasters, and the Maternal-Child Patient (1 Hour)</u> Key Terms Introduction Common Childhood Communicable Diseases Review of Terms Host Resistance Medical Asepsis, Standard Precautions, and Transmission-Based Precautions Rashes Worldwide Immunization Programs The Future of Immunotherapy Bioterrorism, Disasters, and the Maternal-Child Patient Sexually Transmitted Infections 33. <u>The Child with an Emotional or Behavioral Condition (1 Hour)</u> Key Terms The Effect of an Emotional or Behavioral Illness on Growth and Development The Nurse's Role Types and Settings of Treatment Childhood Mental Disorders Organic Behavioral Disorders Environmental or Biochemical Behavioral Disorders

	Minimizing the Impact of Behavioral Disorders in Children SKILLS LAB: Assessments, NCLEX Case Studies, Simulation (1 Hours) SSI: Coordinated Care: Health Promotion and Maintenance (1 Hour)
Nov. 16 – 20 Peds 2 Hours SSI: 2 Hours	34. <u>Complementary and Alternative Therapies in Maternity and Pediatric Nursing (2 Hours)</u> Complementary and Alternative Therapies Get Ready for the Next-Generation NCLEX® Examination! Additional Learning Resources Clinical Judgment and Next-Generation NCLEX® Examination-Style Questions Critical Thinking Questions SSI: Caring and Critical Thinking 2 Hours)
Nov. 30 OB 2 Hours Peds 2 Hours	<i>HESI Final Exam Maternity: 2 Hours</i> <i>HESI Final Exam Pediatrics: 2 Hours</i>

Evaluation:

The assessment and grading of student performance in this course is based on the following activities: attendance, participation, assignments, unit tests, skill sessions, clinical rotations, and a final exam.

Students must successfully pass all the competencies in order to pass the course and/or progress in the program. Students may re-attempt a competency up to three times in order to progress in the course.

Grading Scale

94 – 100 = A
86 – 95 = B
80 – 85 = C
70 – 79 = D
0 – 69 = F

Students must score an 80% or above to successfully complete this course and progress to the next course.

Course & School Policies:

See the School of Practical Nursing Policy and Procedure Manual
See BCTC Adult Student Handbook

Support Services:

1. The Individual Career Plan (ICP) is a planning tool that is used for career preparation, career growth and lifelong learning goals. All adult education students will complete an Individual Career Plan.
2. Students will be counseled on attendance and grades at mid-term and as needed by program instructors.
3. Students who fail a course must remediate with the Adult Learning Center.

Awards and Honors:

Outstanding students will be invited to become a member of the National Technical Honor Society. Students are recommended by the career & technical instructor.

Criteria for nomination:

- Academic Excellence and Exemplary Attendance
- Exemplary Conduct & Attitude
- Leadership
- Teamwork
- Professionalism

Discrimination Prohibited:

As required by federal law and regulations, the Boone County Board of Education does not discriminate on the basis of sex, race, color, religion, disability, age or national origin in its employment practices or in the administration of any of its educational programs and activities. Inquiries may be directed to the safe schools coordinator, Boone County Board of Education, 69 Avenue B, Madison, WV, 25130 phone 369-8276.

Special Needs:

If you need accommodation because of a disability, have emergency medical information to share with me, or need special arrangements in case the building must be evacuated, please inform me immediately.

Instructor retains the right to adjust the course schedule and revise the course syllabus as needed.