

10-246.

LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No. <del>09-976.</del>	UWUCC Action-Date: App - 9/21/10	Senate Action Date: App 11/2/10
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**Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee**

Contact Person Theresa Gropelli	Email Address tgropell@iup.edu
Proposing Department/Unit Department of Nursing and Allied Health Professions	Phone 724-357-2557

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

**1. Course Proposals (check all that apply)**

New Course                       Course Prefix Change                       Course Deletion  
 Course Revision                       Course Number and/or Title Change                       Catalog Description Change

NURS 338 Maternal Child Health	
<i>Current Course prefix, number and full title</i>	<i>Proposed course prefix, number and full title, if changing</i>

**2. Additional Course Designations: check if appropriate**

This course is also proposed as a Liberal Studies Course.                       Other: (e.g., Women's Studies, Pan-African)  
 This course is also proposed as an Honors College Course.

**3. Program Proposals**

New Degree Program                       Program Title Change                       Other  
 New Minor Program                       New Track  
 Catalog Description Change                       Program Revision

<i>Current program name</i>	<i>Proposed program name, if changing</i>

4. Approvals		Date
Department Curriculum Committee Chair(s)	<i>Theresa Gropelli</i>	1/9/10
Department Chair(s)	<i>Elizabeth Palmer</i>	3/2/10
College Curriculum Committee Chair	<i>Robert Kostelak</i>	4/5/10
College Dean	<i>Charles Foxi</i>	4-7-10
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail Schriest</i>	9-21-10

\* where applicable

Received  
SEP 13 2010  
Liberal Studies

Received  
APR 07 2010  
Liberal Studies

**Part I: Curriculum Proposal Cover Sheet****Part II: Description of the curriculum Change**

1. NURS 338 Maternal-child health is to be deleted.
2. The rationale for this change is that this course, a 4-credit course, is being split into two new courses (2 credits each) for the reasons proposed in the new course proposals. (New Courses: NURS 330 Care of the Child and NURS 332 Maternal Neonatal Health).
3. Students currently enrolled will complete the program that is in place; once this program revision is approved, the students beginning 300-level courses will transition into the new set of courses replacing this course. This does not affect student's credit load and does not represent a change in content. Rather, it is a redistribution of credits per course and the evaluation process for the course.

**Part III: Letters of Support or Acknowledgement.**

N/A

## I. Course Description

**NURS 338 Maternal-Child Health**

**4 lecture hours  
0 lab hours  
4 credit hours  
(4c-0l-4cr)**

**Prerequisites:** FDNT 212, NURS 236, PSYC 310, or permission

**Pre or Corequisite:** NURS 316

**Corequisite:** NURS 339

Focuses on knowledge essential to provide nursing care for pregnant women and their children within a family context. The first half of the course emphasizes the changes experienced by the woman and family during normal and complicated pregnancy as well as those of the developing fetus and neonate. The second half focuses on acute and chronic health problems of infants, children, and adolescents.

## II. Course Objectives

At the conclusion of this course the student will be able to:

1. Explain the normal physiologic and psychosocial processes as they apply to the perinatal woman, the fetus, the neonate, and the developing child
2. Apply principles of pathophysiology and associated psychosocial adjustments as they relate to the fetus, perinatal woman, and the developing child
3. Describe the elements of health care management for children with a chronic illness
4. Discuss appropriate pharmacologic interventions in treatment of perinatal women and children

## III. Course Outline

### Unit I Pregnancy, labor, delivery, postpartum, and neonatal health

Week 1	<ul style="list-style-type: none"> <li>A. Introduction to family-centered care <span style="float: right;">2 hrs.</span> <ul style="list-style-type: none"> <li>1. Family theory               <ul style="list-style-type: none"> <li>a. Family systems theory</li> <li>b. Family stress theory</li> </ul> </li> <li>2. Family assessment               <ul style="list-style-type: none"> <li>a. Composition</li> <li>b. Strengths</li> <li>c. Needs</li> </ul> </li> <li>3. The child-bearing family</li> </ul> </li> <li>B. Nursing care of the child-bearing family during pregnancy <span style="float: right;">2 hrs</span> <ul style="list-style-type: none"> <li>1. Psychological and physiological changes during pregnancy</li> <li>2. Conception, fetal development               <ul style="list-style-type: none"> <li>a. Intrauterine organ systems</li> <li>b. Fetal circulation</li> <li>c. Embryo and fetal development</li> </ul> </li> </ul> </li> </ul>
Weeks 2 -4	<ul style="list-style-type: none"> <li>3. Promotion of fetal and maternal health <span style="float: right;">6 hrs</span> <ul style="list-style-type: none"> <li>a. Trends and goals</li> <li>b. Health maintenance</li> </ul> </li> </ul>

- c. Nutrition during pregnancy
- d. Education for pregnancy and parenthood
- 4. Prenatal complications and risks
  - a. Assessment of risk factors and environmental hazards
  - b. Hypertensive disorders
  - c. Maternal infections
  - d. Maternal hemorrhagic disorders
  - e. Endocrine and metabolic disorders
  - f. Psychosocial problems
- 5. Cultural influences

- C. Nursing care during labor and delivery 5 hrs.
  - 1. The normal labor process
    - a. Stages of labor
    - b. Pain management
    - c. Fetal monitoring
  - 2. Nursing interventions that meet psychosocial needs of the couple during labor
  - 3. Types of delivery
    - a. Vaginal
    - b. Cesarean
    - c. Vaginal delivery after a previous Cesarean delivery
  - 4. Complications of pregnancy
    - a. Current trends to reduce preterm labor
    - b. Trauma in pregnancy
    - c. Medical conditions

**Exam** 1 hr.

- Weeks 5-6 D. Nursing care of the postpartum family 8 hrs.
  - 1. Nursing care of the postpartum woman
    - a. Biophysical aspects
    - b. Psychosocial aspects
    - c. Nursing care
  - 2. Postpartum complications
    - a. Hemorrhage
  - 3. The healthy neonate
    - a. Fetal responses to labor and birth
    - b. Immediate care of the newborn
    - c. Assessment of the newborn
    - d. Nutrition of the newborn
  - 4. Neonatal complications
    - a. Complications of low birth weight
    - b. Respiratory complications
    - c. Hemolytic disease
    - d. Drug dependent newborn
  - 5. Family adjustments
    - a. Parenting needs in the neonatal intensive care unit (NICU)
    - b. Home care
    - c. Loss and grief
    - d. Contraception

- Week 7 E. Sexually transmitted diseases 3 hrs.
  - 1. Symptoms / diagnosis
  - 2. Management

- 3. Education
  - 4. Affect on fertility
- F. Contraceptive Issues

**Mid-term Exam** 1 hr.

**Unit II Care of children with chronic illness and serious infectious disease.**

**Weeks 8 -10**

- A. Caring for the family of a chronically ill child 2 hrs.
  - 1. Children's conceptions of health and illness
  - 2. Parental response to diagnosis
  - 3. Implications of illness on daily life
  
- B. Common Chronic Disorders: Etiology, genetic influences, clinical manifestations, diagnostics, treatment, and issues of care 10 hrs
  - 1. Respiratory – asthma / cystic fibrosis
  - 2. Endocrine - diabetes
  - 3. Hematologic - sickle cell anemia
  - 4. Oncologic - childhood cancers
  - 5. Neurologic - cerebral palsy / epilepsy
  - 6. Cognitive - Down syndrome

**Weeks 11-14**

- C. Common Congenital Anomalies: Etiology, genetic influences, clinical manifestations, diagnostics, treatment, and issues of care 10 hrs
  - 1. Respiratory – diaphragmatic hernia
  - 2. Cardiac – selected cyanotic, acyanotic, and obstructive malformations
  - 3. Neurological – spina bifida
  - 4. Gastrointestinal – Hirshsprung disease, Meckel diverticulum
  
- D. Serious Infectious Diseases 3 hrs.
  - 1. Respiratory - bronchiolitis, epiglottitis
  - 2. Cardiac - subacute bacterial endocarditis, rheumatic fever, Kawasaki disease
  - 3. Neurological – meningitis
  - 4. Sepsis

**Exam** 1 hr

- E. Caring for the chronically ill child at home 2 hrs.
  - 1. Needs of the family
  - 2. Social support available
  - 3. Ethical and legal issues

**Finals Week: Final Exam**

**IV. Evaluation Methods\***

- 40% 2 Unit exams (Multiple choice)
- 15% Mid-term exam (Multiple choice)
- 15% Final exam (Multiple choice)
- 10% Individual or collaborative analysis of a case study of a woman experiencing a complication of pregnancy
- 10% Individual or collaborative analysis of a case study of a family that includes

- a child with a chronic illness or congenital anomaly  
10% Individual and collaborative multiple choice quizzes

**Grading Scale:**

- A 90-100%  
B 80-89%  
C 70-79%  
D 60-69%  
F Less than 60%

**\*To progress in the Nursing Program, the student must achieve at least a 70% average grade on the exams AND at least a 70% average grade on all other assignments.**

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**VI. Special Resource Requirements**

None

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Monaco, G.P., Fiduccia, D., & Smith, G. (1997). Legal and societal issues facing survivors of childhood cancer. Pediatric Clinics of North America, 44(4), 1043-1058.

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Straubm H., Cross, J., Curtis, S., Iverson, S., Jacobmeyer, M., Andrson, C., & Sorenson, M. (1998). Proactive nursing: The evolution of a task force to help women with postpartum depression. The American Journal of Maternal/Child Nursing, 23, 262-265.

Swanick, M. (1996). Childrearing across cultures. Pediatric Nursing, 8(7), 13-17.

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U.S. Department of Health and Human Services Public Health Service. (1998). Health people 2010: National health promotion and disease prevention objectives. Washington, D.C: Public Health Service.

Web Rounds (1999). Online: <Http://www.wwilkins.com/rounds>. Lippincott Williams & Wilkins.

Williams, L.R. & Kowchley Cooper, M. (1996). A new paradigm for postpartum care. Journal of Obstetric, Gynecologic, and Neonatal Nursing, 25, 745-749.

Winklestein, M.L., Tarzian, A., & Wood, R.A. (1997). Motivation, social support, and knowledge of parents who smoke and who have children with asthma. Pediatric Nursing, 23, 576-581.

Woods, J.R. & Esposito-Woods, J.L. (Eds.). (1998). Loss during pregnancy or in the newborn period. Pittman, NJ: Jannetti Publications.



## Old syllabus

### I. Course Description

NURS 338 Maternal-Child Health 4 lecture hours  
0 lab hours  
4 credit hours  
(4c-0l-4cr)

Prerequisites: FDNT 212, NURS 236, PSYC 310, or permission

Pre or Corequisite: NURS 316

Corequisite: NURS 339

Focuses on knowledge essential to provide nursing care for pregnant women and their children within a family context. The first half of the course emphasizes the changes experienced by the woman and family during normal and complicated pregnancy as well as those of the developing fetus and neonate. The second half focuses on acute and chronic health problems of infants, children, and adolescents.

### II. Course Objectives

At the conclusion of this course the student will be able to:

1. Explain the normal physiologic and psychosocial processes as they apply to the perinatal woman, the fetus, the neonate, and the developing child
2. Apply principles of pathophysiology and associated psychosocial adjustments as they relate to the fetus, perinatal woman, and the developing child
3. Describe the elements of health care management for children with a chronic illness
4. Discuss appropriate pharmacologic interventions in treatment of perinatal women and children

### III. Course Outline

Unit I Pregnancy, labor, delivery, postpartum, and neonatal health

Week 1	A. Introduction to family-centered care	2 hrs.
	1. Family theory	
	a. Family systems theory	
	b. Family stress theory	
	2. Family assessment	
	a. Composition	
	b. Strengths	
	c. Needs	
	3. The child-bearing family	
	B. Nursing care of the child-bearing family during pregnancy	2 hrs
	1. Psychological and physiological changes during pregnancy	
	2. Conception, fetal development	
	a. Intrauterine organ systems	
	b. Fetal circulation	

c. Embryo and fetal development

- |   |   |        |
|---|---|--------|
| Weeks 2 -4                                | <ul style="list-style-type: none"> <li>3. Promotion of fetal and maternal health               <ul style="list-style-type: none"> <li>a. Trends and goals</li> <li>b. Health maintenance</li> <li>c. Nutrition during pregnancy</li> <li>d. Education for pregnancy and parenthood</li> </ul> </li> <li>4. Prenatal complications and risks               <ul style="list-style-type: none"> <li>a. Assessment of risk factors and environmental hazards</li> <li>b. Hypertensive disorders</li> <li>c. Maternal infections</li> <li>d. Maternal hemorrhagic disorders</li> <li>e. Endocrine and metabolic disorders</li> <li>f. Psychosocial problems</li> </ul> </li> <li>5. Cultural influences</li> </ul>   | 6 hrs  |
| C. Nursing care during labor and delivery |   | 5 hrs. |
|   | <ul style="list-style-type: none"> <li>1. The normal labor process               <ul style="list-style-type: none"> <li>a. Stages of labor</li> <li>b. Pain management</li> <li>c. Fetal monitoring</li> </ul> </li> <li>2. Nursing interventions that meet psychosocial needs of the couple during labor</li> <li>3. Types of delivery               <ul style="list-style-type: none"> <li>a. Vaginal</li> <li>b. Cesarean</li> <li>c. Vaginal delivery after a previous Cesarean delivery</li> </ul> </li> <li>4. Complications of pregnancy               <ul style="list-style-type: none"> <li>a. Current trends to reduce preterm labor</li> <li>b. Trauma in pregnancy</li> <li>c. Medical conditions</li> </ul> </li> </ul>  |        |
| Exam                                      |   | 1 hr.  |
| Weeks 5-6                                 | <ul style="list-style-type: none"> <li>D. Nursing care of the postpartum family               <ul style="list-style-type: none"> <li>1. Nursing care of the postpartum woman                   <ul style="list-style-type: none"> <li>a. Biophysical aspects</li> <li>b. Psychosocial aspects</li> <li>c. Nursing care</li> </ul> </li> <li>2. Postpartum complications                   <ul style="list-style-type: none"> <li>a. Hemorrhage</li> </ul> </li> <li>3. The healthy neonate                   <ul style="list-style-type: none"> <li>a. Fetal responses to labor and birth</li> <li>b. Immediate care of the newborn</li> <li>c. Assessment of the newborn</li> <li>d. Nutrition of the newborn</li> </ul> </li> <li>4. Neonatal complications                   <ul style="list-style-type: none"> <li>a. Complications of low birth weight</li> <li>b. Respiratory complications</li> <li>c. Hemolytic disease</li> <li>d. Drug dependent newborn</li> </ul> </li> </ul> </li> </ul> | 8 hrs. |

	5. Family adjustments	
	a. Parenting needs in the neonatal intensive care unit (NICU)	
	b. Home care	
	c. Loss and grief	
	d. Contraception	
Week 7	E. Sexually transmitted diseases	3 hrs.
	1. Symptoms / diagnosis	
	2. Management	
	3. Education	
	4. Affect on fertility	
	F. Contraceptive Issues	
Mid-term Exam		1 hr.
Unit II Care of children with chronic illness and serious infectious disease.		
Weeks 8 -10		
	A. Caring for the family of a chronically ill child	2 hrs.
	1. Children's conceptions of health and illness	
	2. Parental response to diagnosis	
	3. Implications of illness on daily life	
	B. Common Chronic Disorders: Etiology, genetic influences, clinical manifestations, diagnostics, treatment, and issues of care	10 hrs
	1. Respiratory – asthma / cystic fibrosis	
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	6. Cognitive - Down syndrome	
Weeks 11-14		
	C. Common Congenital Anomalies: Etiology, genetic influences, clinical manifestations, diagnostics, treatment, and issues of care	10 hrs
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	1. Respiratory - bronchiolitis, epiglottitis	
	2. Cardiac - subacute bacterial endocarditis, rheumatic fever, Kawasaki disease	
	3. Neurological – meningitis	
	4. Sepsis	
	Exam	1 hr
	E. Caring for the chronically ill child at home	2 hrs.

1. Needs of the family
2. Social support available
3. Ethical and legal issues

Finals Week: Final Exam

#### IV. Evaluation Methods\*

- 40% 2 Unit exams (Multiple choice)
- 15% Mid-term exam (Multiple choice)
- 15% Final exam (Multiple choice)
- 10% Individual or collaborative analysis of a case study of a woman experiencing a complication of pregnancy
- 10% Individual or collaborative analysis of a case study of a family that includes a child with a chronic illness or congenital anomaly
- 10% Individual and collaborative multiple choice quizzes

#### Grading Scale:

- A 90-100%
- B 80-89%
- C 70-79%
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\*To progress in the Nursing Program, the student must achieve at least a 70% average grade on the exams AND at least a 70% average grade on all other assignments.

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**COURSE ANALYSIS QUESTIONNAIRE**  
**NURS 338 Maternal-Child Health**

**Section A: Details of the Course**

- A1 This course will fit into the junior year of the Bachelor of Science degree in the Nursing program. It is a required course for students in the major.
- A2 This course is part of the curriculum revision in the Nursing program.
- A3 This course has never been offered at IUP.
- A4 This course is not intended to be offered as a dual-level course.
- A5 This course is not intended to be taken for variable credit.
- A6 This material on adult health nursing would be included in other baccalaureate nursing programs.
- A7 The content in this course is necessary to practice nursing in a maternal-child health setting (Commission on Collegiate Nursing Education, State Board of Nursing Professional and Vocational Standards). The information taught in this course is consistent with the test plan for the licensing exam for nursing (NCLEX-RN).

**Section B: Interdisciplinary Implications**

- B1 This course will be taught by a team of faculty members within the Nursing Department.
- B2 This course does not overlap with any other courses at the University.
- B3 No seats in the course will be reserved for students in Continuing Education.

**Section C: Implementation**

- C1 No new faculty are needed to teach this course.
- C2 Other Resources
  - a. Current space allocations are adequate to offer this course
  - b. Currently Stapleton Library subscribes to a number of specialty nursing journals that would be helpful for students in this course. These journals include: Journal of Obstetrics, Gynecology, and Neonatal Nursing, Journal of Pediatric Nursing, Journal of Perinatal and Neonatal Nursing, Pediatric Nursing, Pediatric Clinics of North America. The library also has a holding of references related to maternal-child health nursing. Periodic updates of these holdings are necessary. The department currently has a mechanism in place for identifying needs for updated texts in priority order and recommending future purchases.
- C3 No grant funds are associated with this course
- C4 This course will be offered in both the Fall and Spring semesters.
- C5 One section of the course will be offered at a time.
- C6 Forty students will be accommodated in this course.
- C7 No professional society limits enrollment in a course of this nature.