MICHIGAN STATE UNIVERSITY
COLLEGE OF NURSING

Nursing 319, Section 734
Introduction to Nursing Theory and Research

Judith Strunk, RN, MSN

FALL, 2006
COURSE FACULTY AND FACULTY CONTACT INFORMATION

Course Faculty    Judith Strunk
Office Phone      517-432-6674
Office Address    W127 Owen Graduate Hall
Office Hours      By appointment
E-mail            strunkju@msu.edu

Each student in NUR 319 is required to maintain a MSU compatible email account. Email is the best way to reach me. Depending upon my schedule for a given week, I may or may not receive phone messages in a timely fashion. In general, I make a commitment to respond to email messages within 48 hours after receiving them (Monday-Friday). If I will be offline longer than 48 hours due to out-of-town travel, I will notify you in advance.

REQUIRED TEXT


COURSE DESCRIPTION

Nursing 319 is designed to provide an introduction to nursing theory and research. The course will be devoted to a brief overview of nursing theory, including its development. The works of selected theorists will be introduced. Additionally, the course will focus on basic principles of research methods with the goal of assisting students to critically evaluate and utilize research articles.

COURSE OBJECTIVES

By the end of this course, each student will be able to:
1. Discuss the history of theory development in nursing.
2. Identify the major concepts of selected nursing theories.
3. List the components of theory.
4. Describe criteria used to evaluate theory.
5. Identify and describe the components of the research process: quantitative and qualitative.
6. Understand basic research terminology and apply terms to research studies.
7. Propose strategies to integrate research into practice.
8. Define legal and ethical principles in designing and conducting research studies and procedures to protect human rights.
9. Define nursing as an art and a science.
WHEN TO LOOK FOR COURSE MATERIALS

Tuesday is considered to be the “beginning” day of each week of the course (refer to the Course Calendar). The materials for Week #1 will be accessible to you starting on Monday, August 28. During each subsequent week of the course, you’ll be able to review the material for all past weeks plus the current week. For example, on Tuesday, September 5th, you will be able to see materials for Week #1 and Week #2.

COURSE CALENDAR
(Note: For specific readings, please check your reading list)

<table>
<thead>
<tr>
<th>Wk</th>
<th>Date</th>
<th>Topic</th>
<th>Readings/Assignments*</th>
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</thead>
</table>
| 1  | August 29  | Welcome!!!  
History of Nursing  
APA format        | ■Read "Welcome to Nursing Research"  
■Do all listed activities  
■P & B: Chapter 1 Introducing Research and Its Use in Nursing Practice, pp 7-11, 19.  
■Review APA book |
| 2  | September 5| Research problems, research questions, and hypothesis  
Evaluation of research articles*    | ■P & B: Chapter 3 Understanding the Research Process in Qualitative and Quantitative Studies pp 54-58  
■P & B: Chapter 4 Reading Research Reports, pp 67-75  
■P & B: Chapter 6 Research Problems, Questions, and Hypotheses pp112-119,123 |
| 3  | Sept 12    | Independent and dependent variables  
Literature review  
Evaluation of research articles* | ■P & B: Chapter 2 Comprehending Key Concepts in Qualitative and Quantitative Research, pp 32-36  
■P & B: Chapter 7 Findings and Reviewing Studies in the Literature pp138-140 |
| 4  | Sept 19    | Quantitative & qualitative research design  
Evaluation of research articles*  | ■P & B: Chapter 9 Experimental, Quasi-experimental, and non experimental designs, pp178-181,183-197  
■P & B: Chapter 10 Understanding Qualitative Research Design, pp214-223 |
| 5  | Sept 26    | Introduction to Nursing Theory  
Unitary Human Beings (Guest speaker: Dr. Bill Corser) | ■T&A: Chapter 13. Martha E. Rogers: Unitary Human beings |
| 6  | October 3  | Exam I  
Sampling  
Evaluation of research articles* | Covers Week 2-5 (100 points)  
■P&B: Chapter 12 Examining Sampling Plans, pp 259-262, 264-267 |
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>October 10</td>
<td>Psychometric properties: Validity &amp; Reliability</td>
<td>*<em>Evaluation of research articles</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>■P&amp;B: Chapter 14 Evaluating measurements and data quality, pp 324-329</td>
<td>■UCRIHS Due</td>
</tr>
<tr>
<td>8</td>
<td>October 17</td>
<td>Data collection Evaluation of research articles*</td>
<td>■P&amp;B: Chapter 13 Scrutinizing Data Collection Methods, pp 289, 291-295, 301-309, 312-313</td>
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<tr>
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<td>*Data analysis Evaluation of research articles</td>
<td>■P&amp;B: Chapter 15 Analyzing quantitative Data pp 350-382</td>
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<tr>
<td>9</td>
<td>October 31</td>
<td><strong>Exam II</strong> Research ethics</td>
<td>Covers Weeks 6-9 (100 points)</td>
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<td>■P&amp;B: Chapter 5. Reviewing The Ethical Aspects Of A Nursing Study</td>
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<tr>
<td>10</td>
<td>November 7</td>
<td>Self-care Deficit Theory (Guest speaker: Dr. Mary Jo Arndt)</td>
<td>**Final draft of group research paper and peer evaluation due: November 7th 11:50PM</td>
</tr>
<tr>
<td>11</td>
<td>November 14</td>
<td>Adaptation Model (Guest speaker: Dr. Mary Jo Arndt)</td>
<td>T &amp; A: Chapter 17. Sister Callista Roy: Adaptation Model. Final group research paper and peer evaluation due:</td>
</tr>
<tr>
<td>12</td>
<td>November 21</td>
<td></td>
<td>■T&amp;A: Chapter 17. Sister Callista Roy: Adaptation Model</td>
</tr>
<tr>
<td>13</td>
<td>November 28</td>
<td>Systems Model (Guest speaker: Dr. Mary Jo Arndt)</td>
<td>■T&amp;A: Chapter 16. Betty Neuman: Systems Model</td>
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<tr>
<td>14</td>
<td>Dec. 4</td>
<td>Theory of Goal Attainment (Guest speaker: Dr. Mary Jo Arndt)</td>
<td>■T&amp;A: Chapter 15. Imogene King: Interacting Systems Framework and Middle Range Theory of Goal Attainment</td>
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### Weekly Schedule

<table>
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<tr>
<th>Wk</th>
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<th>Topic</th>
<th>Readings/Assignments*</th>
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<tr>
<td></td>
<td></td>
<td>Final Exam</td>
<td>5 (Exam III covers Weeks 10-10 points) Theory Paper Due</td>
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*Evaluation of research articles.

Orchard, T. J., Temprosa, M., Coldberg, R., Haffner, S., Ratner, R., Marcovina, S., & Fowler, S. (2005). The effect of metformin and intensive lifestyle intervention on the metabolic syndrome: The diabetes prevention randomized trial. *Annals of Internal Medicine*, 142, 611-619. *Note: this article is available via MSU library. If you have troubles in getting the article, please contact MSU library.*


### Grading Policy

Grades will be based on the following:

<table>
<thead>
<tr>
<th>Exam/assignment</th>
<th>Maximum Points</th>
<th>% of total grade</th>
<th>Length</th>
<th>Requirements and Formats</th>
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</table>
| Exam I          | 100            | 20%              | 75 minutes | 50 questions  
| Covers Weeks 2-5|                |                  |        | Multiple choice, true/false, and/or matching |
| Exam II         | 100            | 20%              | 75 minutes | 50 questions  
| Covers Weeks 6-9|                |                  |        | Multiple choice, true/false, and/or matching |
| Final Exam      | 100            | 20%              | 75 minutes | 50 questions  
| Covers Weeks 10-15|              |                  |        | Multiple choice, true/false, and/or matching |
| Final group research critique paper¹ | 100 | 25% | | **Typed** 6 pages excluding references. You are encouraged to discuss the article with your fellow students. However, your written work must be your own. Each paper having identical sentences or paragraphs will receive an automatic grade of “0” point. |
| Theory Paper    | 100            | 15%              |        |                          |

¹ | **Exam/assignment** | **Maximum Points** | **% of total grade** | **Length** | **Requirements and Formats** |
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<tr>
<td>Final group research critique paper¹</td>
<td>100</td>
<td>25%</td>
<td></td>
<td><strong>Typed</strong> 6 pages excluding references. You are encouraged to discuss the article with your fellow students. However, your written work must be your own. Each paper having identical sentences or paragraphs will receive an automatic grade of “0” point.</td>
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² | **Exam/assignment** | **Maximum Points** | **% of total grade** | **Length** | **Requirements and Formats** |
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<tbody>
<tr>
<td>UCRIHS²</td>
<td>Pass/fail</td>
<td></td>
<td></td>
<td>See instruction at the end of the syllabus.</td>
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<tr>
<td>TOTAL</td>
<td>100%</td>
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1. Need to read Grading Criteria and Due Date for Group Research Critique Paper (p. 8)
2. See UCRIHS (p.9)

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>4.0</td>
<td>94-100%</td>
</tr>
<tr>
<td>3.5</td>
<td>89-93%</td>
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<tr>
<td>3.0</td>
<td>84-88%</td>
</tr>
<tr>
<td>2.5</td>
<td>79-83%</td>
</tr>
<tr>
<td>2.0</td>
<td>75-78%</td>
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<tr>
<td>1.5</td>
<td>70-74%</td>
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<tr>
<td>1.0</td>
<td>65-69%</td>
</tr>
<tr>
<td>0.0</td>
<td>&lt; 65%</td>
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</tbody>
</table>

All students are expected to take examinations on the designated date unless prior arrangements are made with the course faculty. If prior arrangements are not made, a score of zero (0.0) point will be given for that exam. 

**Exams may only be taken late for extraordinary circumstances such as medical emergency or death of immediate family members. Medical excuse is needed.** Alternative exams may be used for make-up.

Alternative exams may include essay and/or short answer questions. Make-up examinations must be completed within one week of the scheduled exam week.

**ATTENDANCE POLICY**

Students are expected to log into and actively participate in discussions on the unit message boards each week. Scholarly interchange is vital to everyone's understanding of the material.

**ACADEMIC INTEGRITY**

Academic integrity is a minimal expectation of this course. Academic dishonesty in ANY FORM will NOT be tolerated. Any student involved in academic dishonesty will be reported to the Student Affairs Committee and a grade of 0.0 will be issued for the course. Examinations must remain the property of the College of Nursing and must not be copied or reproduced in any way, either in part or entireties. If an examination is copied or reproduced in any way or if the contents of an exam are communicated to another student, the students will receive a grade of 0.0 on that exam and the Student Affairs Committee will be notified. According to University policy, consequences for academic dishonesty can include failure of the course, expulsion from the major, or expulsion from the university.

**CLASS RULES**

Mutual respect should be demonstrated by all faculty and students.

**GRADING CRITERIA AND DUE DATE FOR FINAL GROUP RESEARCH CRITIQUE PAPER**

**DUE: November 14th, 06 by 11:50PM**

PLEASE ADHERE TO THE
FOLLOWING IMPORTANT INSTRUCTIONS

1. Preparation. Carefully review the "Evaluation of Research Article: Simkin-Silverman, et al." and Evaluation of Research Article: Orchard, T. J. et al." PRACTICE PRACTICE PRACTICE !!! A discussion folder will set up for each group. You should communicate or discuss your assignment with you group members either via phone or discussion folder on a regular basis.

2. Number of copies – Please upload one clean, clear, readable copy in black ink (always keep a copy for yourself) to the drop box by the due date. If the paper is not readable, the paper will be returned and the students will receive a grade of “0” for the paper.

3. Length – Your paper should be no more than 6 pages, typed (excluding title page and references). If the paper is longer than 6 pages, only the first 6 pages will be read and points beyond that will be lost.

4. Grading – The assignment is worth 100 points total, 75 points for the group paper and 25 points for peer evaluation. You will evaluate each of your peers on their preparation and participation (See Peer Evaluation Form). Please make every effort to work effectively as a group. If internal group problems occur, please contact the instructor immediately.

5. The critique is to be APA format such as running head, page numbers listed at the upper right corner, correct citation in text, correct citation on the reference list, double space, and using 12 font (see example paper). If these requirements are not met, the paper will not be graded.

6. Due date for the group critique research paper. The paper is due on **11:50PM (November 7th, 06)**. Late papers will have 5 points per day taken off the grade.

7. Use the checklist and the sample research critique paper to help you prepare this assignment.

8. Organization – Your paper should NOT be simply a laundry list covering the areas in order, instead it should be organized and concise. Use language that is appropriate for a scholarly critique, and organize your paragraphs based on the checklist (see checklist and example of critique paper).

9. Before turning in the paper, please use the checklist to check if you address each single question.

ARTICLE FOR GROUP RESEARCH CRITIQUE PAPER

*Note: this article is available via MSU library. If you have troubles in getting the article, please contact MSU library.
UCRIHS (University Committee on Research Involving Human Subjects)
DUE: October 10th, 06

1. On MSU homepage, click “Research” on left side in column with green print.
2. In the middle column (slightly over half way down the page), see Research Subjects and click on “protecting human” under the Research Subjects area.
3. Click Begin UCRIHS tutorial under UCRIHS tutorial.
4. Continue to “investigator search”
5. Click on “I’M NEW” at the bottom of page on right side
6. Fill out the form with your student PID and submit
7. Enter the training section or come back another time using your PID in the investigator search page
8. The training takes 1.5 to 3 hours depending on your background and your reading speed
9. Print your certification
10. You will be kept in the database that is valid for one year and you can now work as participant of a research team, for example, research assistant.
11. If you have more questions about this tutorial, please contact the source below.

CRIRB (Community Research Institutional Review Board)
202 Olds Hall
East Lansing, MI 48824
Phone: (517) 355-2180
Fax: (517) 432-4503
UCRIHS E-mail: irb@msu.edu

The certification should be either faxed (Fax # 517-353-9553 by October 10th, 2006 midnight) or mailed (snail mail, post mark by October 10th) to the instructor.

Mailing address
Judith Strunk, MSN, RN
Michigan State University
College of Nursing
127 W. Owen Hall
East Lansing, MI 48823-1317