# Existing Graduate Course Modification Form

## Contact Person
Linda Miller, Assistant Professor HDS Director

## Phone (XXX-XXXX)
419-383-4209

## Email
linda.miller3@utoledo.edu

## Present

<table>
<thead>
<tr>
<th>College</th>
<th>Medicine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept/Academic Unit</td>
<td>Physician Assistant Studies / HDS</td>
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<tr>
<td>Course Alpha/Numeric</td>
<td>HDSC 5110</td>
</tr>
<tr>
<td>Course title</td>
<td>Fundamental Concepts and Clinical Practicum I</td>
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<tr>
<td>Credit hours</td>
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## Proposed

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<td>Credit hours</td>
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</table>

## Cross Listings
- none

## Prerequisites(s)
- none

## Co-requisites(s)
- HDSC 5010 Introduction to Organ Transplant Procurement
- HDSC 5210 Scientific & Clinical Foundations for Human Organ & Tissue Donation & Transplantation

## Catalog Description (only if changed) 75 words max:
- no change

## Cross Listings
- none

## Prerequisites(s)
- none

## Co-requisites(s)
- HDSC 5010 Introduction to Organ Transplant Procurement
- HDSC 5210 Scientific & Clinical Foundations for Human Organ & Tissue Donation & Transplantation

## Catalog Description (only if changed) 75 words max:
- no change
Has course content changed? [No] If yes, give a brief topical outline of the revised course below (less than 1500 words)

Credit hours more appropriate to course

<table>
<thead>
<tr>
<th>Proposed Effective Term</th>
<th>Date</th>
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<tr>
<td>2014 40 (Fall)</td>
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List any course(s) to be deleted

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Attach new syllabus reflecting course modifications.
Attach additional documents if necessary.

### Course Approval

<table>
<thead>
<tr>
<th>Department Curriculum Authority</th>
<th>Linda Miller</th>
<th>Date</th>
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<table>
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<tr>
<th>Department Chairperson</th>
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<table>
<thead>
<tr>
<th>College Curriculum Authority or Chair</th>
<th>Kandace Williams</th>
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<tr>
<th>College Dean</th>
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### For Administrative Use Only

Effective Date

CIP Code

Subsidy Taxonomy

Program Code

Instruction Level
University of Toledo  
College of Medicine  
Human Donation Science Program  
Master of Science in Biomedical Science  
Fundamental Concepts and Clinical Practicum I  
HDS 5110  
Fall

Class Meeting: See daily schedule

Credit Hours: 3

Primary Instructor: Linda Miller RN, BSN, MPH  
Assistant Professor and HDS Program Director  
College of Medicine  
Collier 4210  
419.383.4209 (office)  
419.383.5880 (fax)  
419.349.8701 (cell)  
linda.miller3@utoledo.edu

Required Text: Bates Guide to Physical Examination and History Taking  
Bickley (2007)  
9th Edition Lippincott, Williams, & Wilkins  
ISBN: 0-7817-6718-0

Various handouts & web sites as assigned

Recommended: Medical Dictionary

Course Description: This course provides students with clinical information, cases, and experiences to compliment HDS 5210. In addition, the course provides opportunities for the student to be introduced to and become familiar with various aspects and relationships within the medical community as they relate to organ and tissue procurement and transplantation.

Topics to be covered are:

The Organ Procurement Organization, the Tissue Bank Organization, Learning Styles, Communicable & Infectious Diseases, Standard Precautions, Brain
Death, QA/CQI, Blood Banking, Hospital Environment, ICU Environment, Surgical Environment, Sterile Technique, Infectious Disease, Serologies, HLA / Immunology, Biomedical Ethics, Coroner / Medical Examiner, Funeral Home, Heart Station (EKG & cardiac echo), Respiratory Therapy (CXR, ABGs, Ventilators), Living Donors, Transplant Recipients, Allocation of organs, Research Issues, and Procurement Transplant Coordinator Competencies and Professionalism.

**Prerequisites:**

HDS 5010

**Co-requisite:**

HDS 5210

**Format:**

The course will combine lectures, field experiences, role play, and on call actual donor situations.

**Course Objectives:**

At the successful completion of this course, the student will be able to verbalize an understanding of the following as it relates to organ & tissue donation and transplantation:

1. Organ Procurement Organization
2. Tissue Bank Organization
3. Learning Styles / Communication Styles
4. Medical / Legal Issues
5. Brain Death
6. Hospital Environment
7. ICU Environment
8. Surgical Environment
9. Standard Precautions & Sterile Technique
10. Communicable & Infectious Disease
11. Blood Banking
12. Serologies
13. HLA / Immunology
14. Biomedical Ethics
15. Coroner / Medical Examiner
16. Funeral Home
17. Heart Station (EKG & Cardiac Echo)
18. Respiratory Therapy (CXR, ABGs, Ventilator Management)
19. Living Donors
20. Transplant Recipients
21. Allocation of Organs
22. Physical Exam of a Patient
23. QA/CQI
24. Organs & Tissues for Research
25. PTC Competencies
Course Projects and Assignments:
See reading assignments page

Attendance, Attitude, Participation 10%
Mid Term Exam 30%
Physical Exam Demonstration 30%
Final Exam 30%

Grades:
A = 90 – 100
B = 80 – 89
C = 70 – 79
D = 60 – 69
F = < 60

The student is responsible for becoming familiar with the published policies
governing the regulations and procedures of the College of Graduate Studies.
These can be found in the Bulletin and Handbook of the Graduate Student.