OTA245
ENvironments and Occupational Performance
3 Credit Hours

Prepared by:
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OTA245 Environments and Occupational Performance

I. CATALOGUE DESCRIPTION

A. Prerequisite: SPD105, PSYXXX Abnormal Psychology, OTA130 Psychosocial Occupational Therapy, OTA145 Applied Neurology, OTA131 Psychosocial Performance Skills, OTA140 Professional Practice and Management II, OTA150 Level I Fieldwork A, all require a grade of “C” or better. Co-requisite: OTA 160 Level I Fieldwork B

B. Credit hour award – 3

C. Description - Environments and Occupational Performance, focuses on understanding the concept of disability as a result of environmental barriers. Topics will cover the social, political, physical, psychological and cultural elements of the environment that influence performance, participation, and quality of life. Students will explore the relationship between the person, environment, and occupational performance across the life span and in a variety of areas: in-home, school, workplace, and the community. (S)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES (With numbers in parentheses referring to ACOTE standards)

<table>
<thead>
<tr>
<th>Expected Learning Outcomes</th>
<th>Assessment Measures</th>
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<tbody>
<tr>
<td>Apply major theoretical models and the OT Practice Framework as they relate to contexts and environmental factors that influence performance. (B.1.1, B.2.11, B.3.1, B.3.2)</td>
<td>Class Discussion/Activity Formative Assessment Written Project/Paper Summative Examination</td>
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<td>Evaluate a client’s occupational and participation needs in areas of instrumental activities of daily living, education, work, play, leisure, social participation, and environmental applications to support those needs. (B.4.1-B.4.3)</td>
<td>Class Discussion/Activity Formative Assessment Written Project/Paper Summative Examination</td>
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<td>Evaluate the client’s contexts, including cultural, virtual, temporal and environmental (physical, social) for their influence on technology and environmental access, application, and use. (B.2.9, B.4.1-B.4.3)</td>
<td>Class Discussion/Activity Formative Assessment Written Project/Paper Summative Examination</td>
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<td>Evaluate and analyze the activity demands, the client’s performance skills, performance patterns, and client factors across contexts of potential environmental use, including transitions between contexts. (B.1.1, B.2.7, B.4.1-B.4.3)</td>
<td>Class Discussion/Activity Formative Assessment Written Project/Paper Summative Examination</td>
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<tr>
<td>Use information resources on specialized or complex technology and environmental applications within decision making. (B.1.1,B.1.3, B.5.2, B.5.9, B.8.2)</td>
<td>Class Discussion/Activity Formative Assessment Written Project/Paper Summative Examination</td>
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<td>Identify when to refer clients to appropriate professionals for technology and environmental resources when the services the client needs or seeks are beyond the scope of practice or competency level of the OT practitioner. (B.4.5, B.5.17, B.5.21, B.5.22)</td>
<td>Class Discussion/Activity Formative Assessment Written Project/Paper Summative Examination</td>
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<td>Use universal design principles within technology and environmental applications. (B.1.1, B.1.3, B.5.2, B.5.8, B.5.9)</td>
<td>Class Discussion/Activity Formative Assessment Written Project/Paper Summative Examination</td>
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<td>Activity</td>
<td>Class Discussion/Activity</td>
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<td>Use advanced environmental and universal design principles to match client needs and specific environmental demands (e.g., school, work, community, home). (B.1.1, B.1.3, B.2.10, B.5.2, B.5.8, B.5.9, B.5.14, B.7.1 B.7.2)</td>
<td>Class Discussion/Activity</td>
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<td>Evaluate basic technology and environmental needs within areas of occupation (e.g., basic and instrumental activities of daily living, work, education, play, leisure, social participation, sleep). (B.1.1, B.2.7, B.4.1-B.4.3)</td>
<td>Class Discussion/Activity</td>
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<td>Design basic interventions that optimize the client’s performance skills, performance patterns, and body functions (e.g., daily living skills, cognitive rehabilitation, ergonomics, and visual/perceptual rehabilitation). (B.5.1-B.5.6, B.5.9, B.5.11-B.5.16, B.5.18, B.5.19)</td>
<td>Class Discussion/Activity</td>
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<tr>
<td>Provide basic interventions that optimize the client’s engagement in areas of occupation within the home, work, school, and community contexts. (B.5.1-B.5.6, B.5.9, B.5.11-B.5.16, B.5.18, B.5.19)</td>
<td>Class Discussion/Activity</td>
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<td>Design, alter, and/or adapt tasks to meet the occupational and activity demands of the context. (B.5.18, B.5.23)</td>
<td>Class Discussion/Activity</td>
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<td>Relate results of technology and environmental evaluation into interventions, service delivery plans, and outcome measures. (B.5.25, B.7.8, B.8.1)</td>
<td>Class Discussion/Activity</td>
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<td>Identify architectural barriers and recommend adaptations in the home and public areas. (B.2.7, B. 5.2, B.5.4, B.5.8, B.5.14, B.5.18)</td>
<td>Class Discussion/Activity</td>
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<td>Understand and apply technology and environmental-related legislation and policies across the delivery process (e.g., ADA, IDEA, and Technology Act). (B.6.3, B.7.3, B.9.5)</td>
<td>Class Discussion/Activity</td>
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<td>Examine OT basic environmental program evaluations and continuous quality improvement initiatives to improve the effectiveness and efficiency of service delivery. (B.7.8, B.8.1, B.8.2, B.9.4)</td>
<td>Class Discussion/Activity</td>
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<td>Compile and apply evidence-based research within OT and basic technology and environmental practice. (B.1.3, B.8.1, B.8.2)</td>
<td>Class Discussion/Activity</td>
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<td>Identify resources and competencies needed for ongoing professional development in accessibility issues. (B.8.2, B.9.4, B.9.5, B.9.6, B.9.7, B.9.8)</td>
<td>Class Discussion/Activity</td>
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<tr>
<td>Investigate and discuss mechanisms, regulations, and policies regarding delivery and funding/reimbursement of basic OT and technology and environmental applications. (B.7.5)</td>
<td>Class Discussion/Activity</td>
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<td>Justify the provision of OT and basic technology and environmental services and solutions for reimbursement. (B.1.1,B.5.27)</td>
<td>Class Discussion/Activity</td>
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<td>Participate in advocacy activities related to technology and environment on an individual case level and at the community level. (B.9.3, B.9.12, B.9.13)</td>
<td>Class Discussion/Activity</td>
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III. OUTLINE OF TOPICS

A. Environments and Occupational Performance
B. Models of Practice and OT Practice Framework
C. Applying the PEOP Model
D. Americans With Disabilities Act and Its Impact Upon Human Occupation
E. Legislation, Regulations, Codes, and Standards Influencing Home Modification Practice
F. Disability Status and Inclusion
G. Universal Design
H. Drawing the Built Environment
I. Approaches to Service Delivery
J. Collaboration With Other Professionals
K. Home, Community, and Societal Context of Environmental Modifications
   1. The Home Environment
   2. History and Future of Home Modification Services
   3. The Home Modification Process
   4. Accessibility of public areas and buildings
   5. The Work Environment
   6. The School Environment
   7. Naturally Occurring Retirement Communities (NORCs)
   8. Community Accessibility Issues
L. Assessment
   1. Evaluating Clients' Needs and Priorities
   2. Assessing the Built Environment
   3. Measuring the Person and the Home Environment
   4. Measuring the Person and the Work Environment
   5. Evaluating community accessibility
M. Developing and Tailoring Interventions
N. Sourcing and Evaluating Products and Designs
O. Funding and Documentation

Apply the Occupational Therapy Code of Ethics and Standards of Practice within technology and environmental service delivery. (B.9.1)

Class Discussion/Activity
Formative Assessment
Written Project/Paper
Summative Examination
P. Access Standards and Their Role in Guiding Interventions
Q. Ethical, Legal, and Reporting Variables-Pathways to Best Practice
R. Leadership and Advocacy in Environmental Issues
S. Evaluating Outcomes
T. Environmental Modification Applications - Case Studies

IV. METHOD(S) OF INSTRUCTION
A. Lecture
B. Readings from textbook
C. Supplemental handouts
D. Classroom activities
E. Participation in games, offsite activities, service learning, and Internet
F. Peer interactive activities, group projects, and discussions in classroom and online

V. REQUIRED TEXTBOOKS

VI. REQUIRED MATERIALS
A. Course homepage available through Blackboard/WebCT or Luminis Platform
B. A computer with internet access (available through the Jefferson College Labs)
C. Paper, notebooks, pens, pencils with erasers

VII. SUPPLEMENTAL REFERENCES
A. Class Handouts
B. Current Library Resources
   1. Books
2. Periodicals
3. Videos

C. Current internet resources
   1. On-line reference materials
   2. Textbook companion web-site
   3. American Occupational Therapy Association (AOTA) web-site

VIII. METHOD OF EVALUATION (basis for determining course grade)

A. Written Projects or Papers will equal 20% of total course grade. Consisting of 1-5 assignments focused on application of occupational therapy theory and principles.

B. Summative Written Examinations – 3-5 examinations worth up to 60%.

C. Attendance/Participation grade will equal 10% of total course grade.

D. Additional Credit – Additional activities, community service, or exemplary professional behaviors as assessed by a professional behaviors checklist will equal 10% of total course grade.

E. Grading Scale:
   A = 93-100%
   B = 84-92.9%
   C = 76-83.9%
   D = 66-75.9%
   F = 0-65.9%

IX. ADA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services located in the library. (Phone: 636-797-3000, ext. 169.)

X. ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook. Any student who cheats or plagiarizes will be subject to dismissal from the Occupational Therapy Assistant Program and will be referred to the college for disciplinary action. (See College website, http://www.jeffco.edu/jeffco/index.php?option=com_weblinks&catid=26&Itemid=84 )