New Course Request

Indiana University

Check Appropriate Boxes: Undergraduate credit [X]  Graduate credit [X]  Professional credit [ ]

1. School/Division: SHRS / Dept. of Health Sciences  2. Academic Subject Code: SHRS

3. Course Number: W320/ W560 (must be cleared with University Enrollment Services)  4. Instructor: Yocheved Samson

5. Course Title: Survey of Adaptive Rehabilitation Technology

Recommended Abbreviation (Optional) ____________________________

(Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Fall, 2009

7. Credit Hours: Fixed at _______ or Variable from _______ to _______

8. Is this course to be graded S-F (only)? Yes ______ No [X]_______

9. Is variable title approval being requested? Yes ______ No [X]_______

10. Course description (not to exceed 50 words) for Bulletin publication:

Assisting students in the knowledge/awareness of available high-tech/low-tech equipment, or product systems that are used in rehabilitation settings to increase, maintain, or improve functional capabilities of individuals with disabilities, emphasizing the application of clinically-based strategies for determining an individual's need for and acceptance of adaptive technology to improve functional outcomes.

11. Lecture Contact Hours: Fixed at _______ or Variable from _______ to _______

12. Non-Lecture Contact Hours: Fixed at _______ or Variable from _______ to _______

13. Estimated enrollment: _______ of which _______ percent are expected to be graduate students.

14. Frequency of scheduling: Once per year  Will this course be required for majors? Yes ______ No ______

15. Justification for new course: Required for new Baccalaureate degree

16. Are the necessary reading materials currently available in the appropriate library? YES

17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant.

19. At one of the fall 2008 IUPUI Dean’s Council meetings, all deans were provided with a list of proposed courses for the undergraduate certificates as part of the proposed undergraduate BS in Health Sciences, and were asked to provide feedback.

Submitted by: ____________________________ Date ____________

Department Chairman/Division Director

Dean of Graduate School (when required)

Approved by: ____________________________ Date ____________

University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.
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11. Lecture Contact Hours: Fixed at ______ 3.0 ______ or Variable from ________ to ________

12. Non-Lecture Contact Hours: Fixed at ________ or Variable from ________ to ________

13. Estimated enrollment: ______ 30 ______ of which ______ 10% ______ percent are expected to be graduate students.

14. Frequency of scheduling: Once per year Will this course be required for majors? Yes ___

15. Justification for new course: Required for new Baccalaureate degree

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Department Chairman/Division Director

Dean of Graduate School (when required) ____________________________ Date ____________

Approved by: ____________________________ Date ____________

Chancellor/Vice-President

University Enrollment Services

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Indiana University  
School of Health and Rehabilitation Sciences  
Department of Health Sciences  
Survey of Adaptive Rehabilitation Technology  
SHRS W320

**Course Description:** Assisting students in the knowledge/awareness of available high-tech/low-tech equipment, or product systems that are used in rehabilitation settings to increase, maintain, or improve functional capabilities of individuals with disabilities, emphasizing the application of clinically-based strategies for determining an individual’s need for and acceptance of adaptive technology to improve functional outcomes.

**Credit Hours:** 3 credit hours, Web-based

**Instructor Information:** Yocheved Samson, PhD  
317.251.0464  
dryo@sbcglobal.net  
1026 Golf Lane  
Indianapolis, IN 46260

**References:**  


**Educational Objectives:** Upon completion of this course, the student should be able to demonstrate an understanding and knowledge of:

1. Concepts and issues related to the use of adaptive and assistive technology in rehabilitation and other aspects of life.
2. History and legal definition of assistive technology.
3. Process used to assist people with disabilities in the selection and use of adaptive and assistive technology.
4. Impact of adaptive and assistive technology on people with disabilities.
5. Funding sources and processes of acquiring adaptive and assistive technology devices and products.
6. Analyzing the costs and benefits of specific adaptive and assistive technology.
7. Role of clients in the acquisition of adaptive and assistive technology.
8. Role of rehabilitation professionals in identifying and evaluating specific adaptive and assistive technologies.
9. Ethical, cultural, and legal issues in the use of adaptive technologies.
10. Access and use of adaptive and assistive technology among minorities and other underserved
populations.
11. Factors impacting the availability and utilization of adaptive technology.
12. Present and demonstrate how patients can use adaptive and assistive technology to cope with activities of daily living.

Grading:

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<th>Grade Points</th>
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<td>A+ (highest passing grade)</td>
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<tr>
<td>A</td>
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<td>A-</td>
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<td>F</td>
<td>0.0 (failing grade)</td>
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<tr>
<td>FN</td>
<td>Given to those students whose lack of attendance is the basis for a failing grade; last date of attendance will be required; will appear on transcript as F.</td>
</tr>
<tr>
<td>FNN</td>
<td>Given to those students who never attended the class; will appear on transcript as F.</td>
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Course policies:
All students are bound by the School of Health and Rehabilitation Science's Honor Code.

Cheating and plagiarism will not be tolerated and will be grounds for course failure and subsequent dismissal from the health sciences program.
Cheating: Dishonesty of any kind with respect to examinations, course assignments, alteration of records, or illegal possession of examination questions shall be considered cheating. It is the responsibility of the student not only to abstain from cheating but to guard against making it possible for others to cheat.
Plagiarism: Honesty requires that any ideas or materials taken from another source for either written or oral use must be fully acknowledged. Offering the work of someone else as one's own is plagiarism. The language or ideas thus taken from another may range from isolated formulas, sentences, or paragraphs to entire articles copied from books, periodicals, speeches, or the writings of other students. The offering of materials collected by others in the form of projects or
collections without acknowledgement also is considered plagiarism. Any student who fails to give credit for ideas or materials that are taken from another source is guilty of plagiarism.

All students have the right to expect the course instructor to provide a syllabus with objectives, be fair and impartial in her interactions with students, demonstrate respect for students, return assignments in a timely manner, be accessible with prior notice, and create an environment conducive to learning.

Request for accommodations:
Any student requiring accommodations to meet special needs must contact the course instructor prior to the second week of the fall semester. Accommodations will be based on documented needs.

HIPAA Compliance:
Recently enacted HIPAA regulations place stringent requirements on practitioners to protect the privacy of patients. When completing assignments that include patient related information, students must comply with the following guidelines:
1. Maintain confidentiality concerning all patient information.
2. Change the names of patients, referring providers, and facilities to preserve anonymity.
3. Restrict the use and/or disclosure of information, even though permitted, to the minimum necessary to accomplish the intended educational purpose.

NOTE: This course is cross-listed as both an undergraduate and graduate course. Course objectives, readings and assignments reflect differing expectations between undergraduate and graduate students.