**New Course Request**

**Indiana University**

**Indianapolis Campus**

Check Appropriate Boxes: Undergraduate credit ☐ Graduate credit ☑ Professional credit ☐

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

3. Course Number 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 ___3___ or Variable from _________ to _________

8. Is this course to be graded S-F (only)? Yes _____ No ☑

9. Is variable title approval being requested? Yes _____ No ☑

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 ___42___ or Variable from _________ to _________

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

13. Estimated enrollment: ___15___ of which ___100%___ 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 Graduate Certificate

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 Department of Health Sciences proposed undergraduate and graduate certificates, and were asked to provide feedback.

Submitted by: [Signature] Date 214/09

Department Chairman/Division Director

DATE

Dean of Graduate School (when required)

Approved by: [Signature] Date 26/09

Department/Division

Chancellor/Vice-President

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.

UPS 724 University Enrollment Services Final—White; Chancellor/Vice-President—Blue; School/Division—Yellow; Department/Division—Pink; University Enrollment Services Advance—White
Indiana University
School of Health and Rehabilitation Sciences
Department of Health Sciences
Survey of Adaptive Rehabilitation Technology
SHRS W560

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:
1. Explain the concepts and issues related to the use of adaptive and assistive technology in rehabilitation and other aspects of life.
2. Summarize the history and legal definition of assistive technology.
3. Explain the process used to assist people with disabilities in the selection and use of adaptive and assistive technology.
4. Demonstrate the impact of adaptive and assistive technology on people with disabilities.
5. Identify funding sources and processes of acquiring adaptive and assistive technology devices and products.
6. Analyze the costs and benefits of specific adaptive and assistive technology.
7. Delineate the roles of clients in the acquisition of adaptive and assistive technology.
8. Differentiate the roles of rehabilitation professionals in identifying and evaluating specific adaptive and assistive technologies.
9. Discuss the ethical, cultural, and legal issues in the use of adaptive technologies.
10. Compare the access and use of adaptive and assistive technology among minorities and other
underserved populations with that of other populations.

11. Identify the 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.
13. Identify safety factors to be considered when using adaptive devices.

**Grading:**
Points will be assigned for all graded activities. At the end of the 
course, the points will be added and the grades assigned as follows:
- A = 90-100
- B = 80-89
- C = 70-79
A grade below a C is considered a failing grade

**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.