



CENTER ON DISABILITIES AND  
HUMAN DEVELOPMENT

*live learn work play*

**University of Idaho**

College of Education, Health and Human Sciences

EDSP 505

## Creating Assistive Technology Solutions in Minutes

Instructor: Robin Greenfield, Ph.D.

**Number of Professional Development Graduate Credits: 1**

Course Location: This is an online course using the Idaho Training Clearinghouse Learning Management System (LMS) at the Center on Disabilities and Human Development at the University of Idaho. There are no face-to-face classes. The web link for the LMS is:

<http://www.idahotc.com/lms>

Contact Information

Robin Greenfield

[rgreen@uidaho.edu](mailto:rgreen@uidaho.edu)

(208) 364-4012

Technical Assistance

Idaho Training Clearinghouse

[itc@uidaho.edu](mailto:itc@uidaho.edu)

Course Description

**Session 1:** “Making Assistive Technology Solutions Using Ordinary Items.” This session will discuss and demonstrate over 40 assistive technology solutions that can be made in minutes using everyday tools and materials.

**Session 2:** “Making Assistive Technology Solutions Using Corrugated Plastic.” This session will discuss and demonstrate 101 assistive technology solutions that can be created using corrugated plastics.

**Session 3:** Making Assistive Technology Solutions Using Velcro Brand Fasteners and Lock Line” This session will demonstrate 101 assistive technology solutions that can be Created using Velcro Brand Fasteners and Loc Line.

### **University of Idaho Learning Outcomes**

**1. Learn and integrate**

Through independent learning and collaborative study, attain, use, and develop knowledge in the arts, humanities, sciences, and social sciences, with disciplinary specialization and the ability to integrate information across disciplines.

**2. Think and create**

Use multiple thinking strategies to examine real-world issues, explore creative avenues of expression, solve problems, and make consequential decisions.

**3. Communicate**

Acquire, articulate, create and convey intended meaning using verbal and non-verbal methods of communication that demonstrate respect and understanding in a complex society.

**4. Clarify purpose and perspective**

Explore one’s life purpose and meaning through transformational experiences that foster an understanding of self, relationships, and diverse global perspectives.

**5. Practice citizenship**

Apply principles of ethical leadership, collaborative engagement, socially responsible behavior, respect for diversity in an interdependent world, and a service-oriented commitment to advance and sustain local and global communities.

### **Specific Course Objectives Related to Above Learning Outcomes:**

At the conclusion of this course, participants will:

- Participants will be able to use everyday tools and materials to make assistive technology devices for students with disabilities to use in schools/communities
- Participants will be able to create assistive technology solutions using corrugated plastics for student with disabilities in home and community settings
- Participants will be able to design assistive technology supports for students with disabilities using Velcro Brand Fasteners and Loc Line

## Graduate Credit Course Requirements

1. Participation: Participants are required to log into/attend the full period (2 hours) of all webinars in this series.
2. Survey: Participants are required to complete a course satisfaction survey.
3. Final Assignment: A written assignment (requirements listed below) must be submitted through the Idaho Training Clearinghouse LMS.

*Note: There are no outside readings or materials required for this course. Handouts for each webinar session are located in the course site at the Idaho Training Clearinghouse LMS.*

## Final Assignment

### Final Assignment (100 points)

- 1) Describe a child you know. Include in your description a) child's age; b) vision and hearing abilities and needs; c) receptive and expressive communication abilities and needs; and d) physical abilities and needs, if applicable.
- 2) Write two goals for the child that uses two things that were described in the webinar series.
- 3) Write a justification for why you chose those items to support the child.

## Grading Policy

This is a Pass/Fail course.

1. Credit participants must earn an 80% (80/100 points) on the final written assignment to pass the course.
2. Participants must complete the online course satisfaction survey.

## Academic Integrity

The University of Idaho has as one of its core values the ideal of academic honesty and integrity. University of Idaho students live and work in a collegiate community which emphasizes their responsibility for helping to determine and enforce appropriately high standards of academic conduct. The faculty of the University of Idaho expects all students to adhere to the highest standards of academic honesty, and to refrain from any action which infringes upon academic freedom of other members of the academic community. Please refer to the University of Idaho - Student Code of Conduct Article II-Academic Honesty.

## Condensed Policy of Nondiscrimination

The University of Idaho has a policy of nondiscrimination on the basis of race, color, religion, national origin, sex, age, sexual orientation, disability, or status as a Vietnam era veteran. This policy applies to all programs, services, and facilities, and includes, but is not limited to, applications, admissions, access to programs and services, and employment. Such discrimination is prohibited by titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, the Age Discrimination Act of 1975, the Pregnancy Act of 1978, the Age Discrimination in Employment Act Amendments of 1978, the Americans With Disabilities Act of 1990, the Civil Rights Act of 1991, the Rehabilitation Act Reauthorization of 1992, and other state and federal laws and regulations.

Sexual harassment violates state and federal law and policies of the Board of Regents, and is expressly prohibited, see Faculty Staff Handbook: [3220](#). Retaliation for bringing forward a complaint is prohibited, see [3810](#).

Questions or concerns about the content and application of these laws, regulations or University policy may be directed to the Director, Human Rights Access and Inclusion (885-4285); Coordinator of Disabled Student Services (885-6307); Idaho Commission on Human Rights (208-334-2873); Regional Office for Civil Rights, U.S. Department of Education in Seattle (206-220-7900); Equal Employment Opportunity Commission, Seattle District Office (206-220-6883); or Seattle Regional Office of Federal Contract Compliance Programs, U.S. Department of Labor (206-398-8000). Complaints about discrimination or harassment should be brought to the attention of the Human Rights Compliance Office (885-4285 or [hrai@uidaho.edu](mailto:hrai@uidaho.edu)).