# CASPER COLLEGE COURSE SYLLABUS School of Health Science HLTK 1855 H1: Assistive Technology Practicum

Semester/Year: Fall 2015

Lecture Hours: 0 Lab Hours: 6 per week Credit Hours: 3

Class Time:Days:Room:NETNETNET

Instructor's Name: Theresa Robinett, MOT, OTR/L

Certificate Program Coordinator

Occupational Therapy Assistant Program Instructor

Instructor's Contact Office Phone: E-mail:

Information: (307) 268-3112 <a href="mailto:theresa.robinett@caspercollege.edu">theresa.robinett@caspercollege.edu</a>

E-mail or phone: leave voice message if unavailable

Office Hours: Monday 10:00-11:00, Tuesday 10:00- 11:50, Thursday 1:00- 3:00 and

Friday (by appointment) 10:00-12:00

**Course Description**: This course is designed to provide hands on experience with various areas of assistive technology (AT). Students will participate in general assistive technology evaluation concepts, exploration of different types of assistive technology equipment and application of AT to various populations.

**Statement of Prerequisites**: HLTK 1625 or equivalent CPR certification

**Goals**: Upon completion of this course students will develop an understanding of the following with various differences based on community settings:

- 1. Various sources available to access AT
- 2. Identifying appropriate AT equipment for specific populations
- 3. How AT maximizes independence with active participation from client
- 4. Various settings in which AT can be utilized
- 5. Identification of various professions who deal with AT and disability

Students will be introduced to important concepts such as ethics in obtaining AT, efficiency in utilizing equipment and understanding various levels of assistive technology.

**Outcomes**: Upon completion of this course students will be able to:

- 1. Demonstrate effective oral and written communication
- 2. Solve problems using critical thinking and creativity
- 3. Use appropriate technology and information to conduct research
- 4. Locate various sources in obtaining AT

- 5. Identify specific populations appropriate for AT
- 6. Create and implement various levels of AT
- 7. Identify safety considerations in utilizing AT
- 8. Articulate their role in being part of the AT process

**Methodology:** Learning experiences to be used in this class include guest presentations, written assignments, interactive projects, work experiences, reading assignments, problem solving activities and meeting with instructor and/or supervisor. The majority of the course work will be at facility placements. Assignments will be developed with instructor to enhance learning at the various clinical sites.

## **Evaluation Criteria:**

5 points
100 points
40 points
50 points
50 points
25 points
50 points

TOTAL 320 points

Casper College may collect samples of student work demonstrating achievement of the above outcomes. Any personally identifying information will be removed from student work.

It is expected students will have assignments turned in on the due date. 10% per day will be deducted from the grade for each day an assignment is late.

93-100%	-	(A) Marked Excellence		
84 – 92%	-	(B) Superior		
75 – 83%	-	(C) Average		
66 – 74%	-	(D) Deficient		
65 and below	-	(F) course failure		
A student with 75% or less at mid-term will receive				
a deficiency				

## Required Text, Readings, and Materials:

D. Bryant and B. Bryant, 2012. Assistive Technology for People with Disabilities. 2<sup>nd</sup> Edition. Pearson. ISBN-13: 978-0-13-705009-3

## Recommended Text, Readings, and Materials:

W. Mann and J. Lane, 1995. Assistive Technology for Persons with Disabilities. 2<sup>nd</sup> Edition. The American Occupational Therapy Association, Inc. ISBN1-56900-028-X

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: April 16, 2015

**Student Rights and Responsibilities**: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

**Chain of Command**: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head / Program Director, the Dean and lastly the Interim Vice President for Academic Affairs.

**Academic Dishonesty**: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

**Official Means of Communication:** Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, <a href="mailto:bheuer@caspercollege.edu">bheuer@caspercollege.edu</a>. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

### **COURSE SCHEDULE**

#### Unit I: AT Introduction

DATE	TOPIC	ASSIGNMENT (readings
		recommended)
Week of	Introduction to class	Bryant: Ch. 1
August 24	Confidentiality/ Guidelines	Mann: Ch. 1
	<ul> <li>Introduction to AT/ definitions</li> </ul>	

	AT History	
DATE	TOPIC	ASSIGNMENT
Week of	AT Considerations	Bryant: Ch. 2
August 31	<ul> <li>Selecting AT devices</li> </ul>	
Week of	AT Assessments	Bryant: Ch. 3
September 7	Weekly Discussion	Mann: Ch. 9, 10, 11
	,	Weekly Discussion #1 Due
Week of	AT and Physical Disabilities	Bryant: Ch. 4
September 14	Weekly Discussion	Mann: Ch. 2
	•	Weekly Discussion #2 Due
Week of	<ul> <li>AT and Mobility</li> </ul>	Bryant: Ch. 4
September 21	<ul> <li>Weekly Discussion</li> </ul>	Mann: Ch. 2
	-	Weekly Discussion #3 Due
Week of	<ul> <li>AT for Sensory Impairments</li> </ul>	Mann: Ch. 3
September 28	<ul> <li>Weekly Discussion</li> </ul>	Progress Log 1 Due
		Weekly Discussion #4 Due
Week of	<ul> <li>AT for Communication and</li> </ul>	Bryant: Ch. 5
October 5	Cognitive Disorders	Mann: Ch. 4
		Assignment 1 Due
Week of	<ul> <li>Access to Information</li> </ul>	Bryant: Ch. 6
October 12	Weekly Discussion	Weekly Discussion #5 Due
Week of	Fall Break	
October 19		
Week of	<ul> <li>AT and Independent Living</li> </ul>	Bryant: Ch. 8
October 26	<ul> <li>Weekly Discussion</li> </ul>	Progress Log 2 Due
_		Weekly Discussion #6 Due
Week of	<ul> <li>AT for Play and Learning</li> </ul>	Mann: Ch. 5
November 2	Weekly Discussion	Weekly Discussion #7 Due
Week of	<ul> <li>AT and Academics</li> </ul>	Bryant: Ch. 7
November 9	<ul> <li>Weekly Discussion</li> </ul>	Weekly Discussion #8 Due
Week of	<ul> <li>AT for Higher Education</li> </ul>	Mann: Ch. 6
November 16	<ul> <li>Weekly Discussion</li> </ul>	Weekly Discussion #9 Due
Week of	AT and the Workplace	Mann: Ch. 7
November 23	Weekly Discussion	<b>Progress Log 3 Due</b>
	,	Weekly Discussion #10 Due
Week of	AT and older persons	Mann: Ch. 8
November 30		<b>Assignment 2 Due</b>
Week of	Wrap up at facilities	
December 7		
Week of	<ul> <li>Final Project/ Presentation</li> </ul>	Final Project Due
December 14		Progress Log 4 Due