

	<b>CAPILANO UNIVERSITY</b>		
	<b>COURSE OUTLINE</b>		
<b>Course Title</b>	Supporting Students with Technology and AAC Systems		
<b>Course Number</b>	SEA 106	<b>Credits</b>	3.0
<b>Instructor</b>		<b>Email</b>	
<b>Term</b>	201530	<b>Office</b>	
<b>Phone</b>		<b>Local</b>	

### **COURSE FORMAT**

4.0 lecture hours per week over 15 weeks

### **COURSE PREREQUISITES**

None

NOTE: Familiarity with basic computer skills/word processing on both MAC and PC

### **VISION STATEMENT**

The Education Assistant (EA) program prepares participants to work with children and adolescents who have diverse learning needs in inclusive educational settings Kindergarten - Grade 12. EA students are trained to support children who present with a wide range of abilities so that these children can become fully participating members of a community of learners.

### **GENERAL OVERVIEW**

Students will become familiar with a wide range of low and high technology adaptations for students who present with a wide range of abilities. Common Augmentative & Alternative Communication (AAC) computer hardware and software that are used in schools will be explored. Students will learn how the school system and related agencies assess the needs of students with a wide range of abilities and provide appropriate adaptations. Ten hours of basic signing will be included.

### **LEARNING OUTCOMES**

*Students who successfully complete this course should be able to:*

1. Describe the various disabilities recognized by the Ministry of Education for special education funding.
2. Differentiate between low and high technology.
3. Discuss the principle of normalization and least intrusive adaptation.

4. Describe various disabilities and suggest appropriate adaptations, both low and high technology.
5. Describe the various support personnel in the field and their roles, particularly as they might relate to technology (physiotherapist, occupational therapist, e.g.)
6. Demonstrate some common adaptations.
7. Connect and demonstrate common computer adaptations.
8. Differentiate between alternative and augmentative communication.
9. Demonstrate signing for students who are non-verbal.

## **COURSE CONTENT**

Course includes lab sessions for Boardmaker.

Session 1	Introduction to Aided Communication
Session 2	Literacy Development for Individuals with Severe Speech, Cognitive and Physical Disabilities
Session 3	What is Augmentative Communication?
Session 4	Access and Technology for Oral Communication
Session 5	Technology and AAC Supports: PECS
Session 6	Windows and Web Exploration
Session 7	Visual Supports for Language Comprehension and Independence. Solo, Kurzweil, Clicker.
Session 8	Vocabulary Selection & Boardmaker
Session 9	Sign Language
Session 10	Supporting an Augmentative Communication User
Session 11	Inclusion Strategies & Boardmaker
Session 12	Boardmaker continued
Session 13	Sign Language
Session 14	Sign Language
Session 15	Ethical Issues in Special Education Technology, presentations

**Note:** Students are responsible for registering on the class moodle site. A registration key will be sent to students prior to first class.

**REQUIRED TEXTS**      None

## **EVALUATION PROFILE**

Marks will be based on completion of assignments, projects, presentation, technology usage, class participation and attendance.

## **ASSIGNMENTS**

Assignment #1 – Group Assignment on Team Support	20%
Assignment #2 – Application of Adaptation/Modification for Specific Student Case study	30%
Assignment #3 – Task Board Assignment	10%
Assignment #4 – Teaching of Sign Language	5%
Assignment #5 – Experiential Reflection on Use of an AAC System	20%
Participation	10%
Attendance	5%
<b>TOTAL</b>	<b>100%</b>

### **Assignments**

Details of assignments will be provided by the instructor at start of the course.

**CONTINUATION REQUIREMENT** A student who fails any course may not be allowed to continue in the program.

**GRADUATION REQUIREMENT** To receive an EA certificate, students must pass all courses and practicum; achieving a CGPA of B or better.

### **GRADING PROFILE**

A+ = 90 - 100	B+ = 77 - 79	C+ = 67 - 69	D = 50 - 59
A = 85 - 89	B = 73 - 76	C = 63 - 66	F = 49 and below
A- = 80 - 84	B- = 70 - 72	C- = 60 - 62	

### **OPERATIONAL DETAILS**

Capilano University has policies on Academic Appeals (including appeal of final grade), Student Conduct, Cheating and Plagiarism, Academic Probation and other educational issues. These and other policies are available on the University website.

Attendance	Regular attendance is essential. If a student misses a class due to extenuating circumstances, they are still responsible for the material covered during their absence, including announcements, assigned readings and hand-outs. Make up work may be assigned by the instructor. It is the student's responsibility to arrange this with the instructor. Students who miss more than 10% of the course are at risk of failing the course.
Participation	This mark is based on both the frequency and quality of the student's comments, questions, observations, and involvement, with the emphasis on quality. The quality is determined by, among other things, the relevance, insight and clarity of remarks. Reading the required readings in advance will support a student's ability to participate. Not attending, being late to class or being late returning from breaks, will impact the overall participation grade.
Punctuality	Punctuality is essential in both classroom courses and practicum given the professional nature of the program.
Academic Responsibility	Each student is responsible for the material covered in class and for any work required for the following class. If a student misses a class, they have the responsibility to contact a peer and obtain the notes, handouts and work for future classes.  The quality of work should provide both adequate depth and breadth so as to demonstrate a commitment to your professional development and that the competencies required of the course have been successfully met.

Missed Assignments, Presentations, In-class Projects, Exams and Quizzes	Students will be allowed to make up assignments, presentations, in-class projects, exams and quizzes at the faculty member and department's discretion. Adequate documentation from a medical professional must be provided upon request.
Late Assignments:	<p>All assignments are due at the beginning of class on the due date. Late assignments will be accepted if adequate documentation from a medical professional is provided upon request.</p> <p>Without required documentation all other late assignments will not be graded, although all assignments must be submitted in order to receive a passing grade in the course.</p>
Extenuating Circumstances	<p>Submissions in writing will be reviewed by the Department. Based on the review, faculty may agree alternative arrangements with the following condition:</p> <ul style="list-style-type: none"> <li>- Loss of 10% per day</li> </ul>
Cheating & Plagiarism:	<p>Cheating is an act of deceit, fraud, distortion of the truth, or improper use of another person's effort to obtain an academic advantage.</p> <p>Plagiarism is the presentation of another person's or source's words and/or ideas as if they were one's own. It ranges from an entire assignment which is not the student's own work to specific passages within an assignment taken from a source without appropriate acknowledgement.</p> <p>Students are responsible for ensuring that they understand and follow the principles of proper documentation and scholarship. If in doubt about these matters, students should consult their instructor, the Writing Centre, or the Library. Students are responsible for ensuring that they understand what constitutes cheating and plagiarism and that these violations of proper academic practice have serious consequences</p> <p>The instructor has the right to assign a grade of "0" on the examination or assignment, or, at the instructor's discretion, a letter grade "F" / No Credit on the course.</p> <p>Second incidents of cheating or plagiarism, or first incidents deemed by a department/instructor to be particularly serious, will be dealt with according to the University policy available on the University website.</p>
Incomplete Grades	"I" Grades will be given only when <b>prior</b> arrangement has been made in writing between the instructor and the student specifying the exact nature of the work to be done and the date it is to be received.
English Usage:	All assignments are marked for correct English usage, proofreading, and formatting. At the instructor's discretion, any assignment not reaching these standards may be returned for revision and resubmission. Maximum grade assigned for a revised assignment is "C".
Professionalism	All students are expected to maintain the program's standards of academic achievement and professional behaviour. In practicum centres and in the classroom, students will adhere to their professional areas' Code of Ethics at all times.

Emergency  
Procedures

Please read the emergency procedures posted on the wall of the classroom.