

# COMPUTERS IN EDUCATION

## EDUC 115

### Course Syllabus

#### COURSE INFORMATION

- A. Number: EDUC 115
- B. Title: Computers in Education
- C. Credits: 3
- D. This course is offered Spring Quarter
- E. Time/Location: Michel Building Lab Rm. 9  
Tues, Thurs. 10:00 - 11:20



#### PERSONAL INFORMATION

- A. Instructor: Doug Ruhman
- B. Office: Education Building Room 124
- C. Office Hours: Mon. and Wed., 9:00 to 12:00
- D. Telephone: Office: 275-4763
- E. Email: [doug\\_ruhman@skc.edu](mailto:doug_ruhman@skc.edu)

#### REQUIRED MATERIALS

**No textbook is required for this course. Student are expected to acquire the following items by the second class meeting:**

- SKC student email account (yourname@student.skc.edu)
- USB Jump/Flash drive (512 mb or higher)
- One 3-ring binder w/ pockets, dividers, and tabs

#### DESCRIPTION

**Computers in Education** introduces education majors to the major technological skills required for professional teachers, including productivity, digital media, and web-oriented learning tools. Students will also learn the technical skills and process involved in the establishment and maintenance of teacher education portfolios.

***This is a challengeable course. See instructor in first week for details.***

## **COURSE OBJECTIVES**

Upon completion of this course students will be able to:

- A. Become proficient in the computer skills needed for PreK-8 education professionals.
- B. Design and create several productivity-based tools for use in classrooms.
- C. Demonstrate proficiency in troubleshooting and addressing basic computer problems.
- D. Demonstrate proficiency in the use of web resources and other telecommunication tools.

*SKC's curriculum model is built on the "4Cs"...*  
*Culture, Communication, Citizenship, and Critical Thinking.*

## **CULTURAL RELEVANCY**

Cultural relevancy will be addressed in this course through teaching methodologies, discussion of educational issues relevant to the role technology plays in Indian education, and through strategies modeled and utilized by the instructor.

### Student Objectives:

1. Students will examine computer-based products and resources which relate to and help communicate about the cultures of the Salish and Kootenai Tribes.
2. Students will use computer skills to create products and resources which reflect diverse cultural themes.

## **CRITICAL THINKING**

This course will encourage critical thinking skills by having students apply and critique information.

### Student Objectives:

1. Students will apply information learned in class to enhance their teaching practices.
2. Students will participate in group activities and discussions that utilize critical thinking skills such as problem solving skills, self-evaluation techniques and comparing information to cultural issues;
3. Students will analyze and evaluate their own skills and abilities in using computers.
4. Students will compare and contrast various technological tools in relation to their value in the educational process.
5. Students will develop a systematic and focused set of strategies for problem solving technical issues in classroom settings.

## **COMMUNICATION**

This course will help students to deepen their knowledge and skill set with regard to the use of computer technologies as they apply to effective communication in an educational context.

### Student Objectives:

1. Students will develop multiple examples of communication tools used by classroom teachers to network with students, families, and other education professionals.
2. Students will design and construct culturally relevant and developmentally appropriate instructional tools based on digital media for use in the classroom.

## COURSE REQUIREMENTS

- A. Excellent attendance, participation in class activities and discussions. (see Attendance)
- B. Complete all in-class assignments, readings, and homework assignments
- C. Completed computer skills journal (10 entries)

## GRADING SYSTEM

Computer Skills Journal	= 50 pts
Att. & Partic. in class: (10 pts/week, 10 weeks)	= 100 pts
In-class Projects and Assignments	= 150 pts
Readings/homework projects	= 100 pts
Final Exam	= 100 pts
<b>Total points:</b>	<b>500 PTS</b>

500-450 = A
449-400 = B
399-350 = C
349-300 = D
Below 300 = F

## ACCOMMODATIONS

**\* Tutors are available for students! Please contact the instructor if you have any questions or a need for a tutor.** Accommodations are provided to students with diagnosed disabilities through the access office, located in the Social Work department, in the Pete Beaverhead building; contact John Domitrovich; room 131; 275-4889. It is important that students with disabilities inform their instructors of their disabilities at the beginning of the quarter, in order to facilitate the process of determining appropriate and reasonable accommodations for the individual student.

## ATTENDANCE POLICY

This class is highly interactive and learning occurs through participation in class discussions and activities that are impossible to be duplicated outside of class. Therefore, it is required that students attend all class sessions. Participation is graded at 5 points/class. If you are late (arrive after the instructor begins teaching), you will receive a deduction of 2 of these attendance points. **More than 30 min. absence during the class period (beg. or end) constitutes non-attendance for that day (0 points).** An opportunity for make-up work is provided on an individual basis for emergency situations. Students missing more than 4 class sessions (6 hours of class) will be asked to drop the course. **Students are expected to be on time for class and stay until the designated time for dismissal.** If you have an emergency and cannot make it to class, **PLEASE** contact the instructor ahead of time and explain the circumstances. I will make every attempt to be fair. If you contact me, I will work with you. If you fail to do so, points will be adjusted accordingly.

Please keep cell phones **OFF** during classtime.



*Thank You!*

## **ACADEMIC HONESTY/INTEGRITY**

Inherent in the use of technological media is the potential for duplication of others' work and intellectual property. This class relies heavily on electronic media for learning and for demonstration of learning. All submitted student work should be the original work of the student, or properly cited if otherwise. Plagiarism in any form will not be tolerated, and will result in a failing grade in the class- **no exceptions**. Plagiarized work will be brought to the attention of the SKC administration.

## **COURSE OUTLINE**

*This schedule may be modified to better address class needs as necessary.*

<b>Week 1:</b>	Course overview, skills / interest inventory, Productivity overview
<b>Week 2:</b>	Productivity tools: Word Processing and classroom applications, part 1
<b>Week 3:</b>	Productivity tools: Word Processing and classroom applications, part 2
<b>Week 4:</b>	Productivity tools: Spreadsheet programs and classroom applications, part 1
<b>Week 5:</b>	Productivity tools: Spreadsheet programs and classroom applications, part 2
<b>Week 6:</b>	Multimedia tools: Digital media, Powerpoint part 1
<b>Week 7:</b>	Multimedia tools: PowerPoint part 2
<b>Week 8:</b>	Multimedia project: Advanced PowerPoint project
<b>Week 9:</b>	Multimedia project: Project presentation and evaluation
<b>Week 10:</b>	Course evaluation, review, final exam