


Rutgers, The State University of New Jersey
05:300:350:B2 Education & Computers
Summer 2021
ONLINE

Instructor: James Lynch-Urbaniak	Email: james.urbaniak@rutgers.edu
Phone Number : 848-932-0789	Location: Online via Canvas
Office Hours: Online by Appointment	Prerequisites or other limitations: <i>None.</i>
Mode of Instruction: ____ Lecture ____ Seminar ____ Hybrid ____ X Online	Permission required: X No ____ Yes Directions about where to get permission numbers: Email Instructor

Course Description: (as it appears in the GSE Catalog)

Education & Computers establishes a foundation for using the computer and technology in a variety of educational settings across all subject areas. The course is hands-on in nature, with a focus on current trends. Additionally, learners can expect to discuss theory, practice, and social/philosophical issues related to the use of computers in education. Some familiarity with computers is recommended; no prior computer skills are required.

Faculty Syllabus Statement for Disability Services: Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the registration form (<https://webapps.rutgers.edu/student-ods/forms/registration>).

	<p>SAS Core Curriculum Learning Goals Met by this Course: CCO-2 Analyze the relationship that science and technology have to a contemporary social issue.</p> <p>For a complete list of Core Curriculum learning goals, see: https://sasoue.rutgers.edu/docman-docs/curriculum/858-revised-core-curriculum-5-2018-1/file</p> <p>For more information about the SAS Core see: https://sasundergrad.rutgers.edu/degree-requirements/core</p>
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Organization: As an online course, students are expected to access the course daily to complete required assignments. The material covered in this course is practical and hands on. Students will explore a variety of online/web-based learning tools and work collaboratively with peers to explore how these tools can positively impact student learning and professional practice. Weekly class discussions, video reflections, and written essays will be assigned and due on specific due dates as assigned on the eCollege website.

Required Texts: No textbooks are required for this course; online readings will be provided via Canvas

By the end of the course, learners should be able to:

- Provide a foundation for using computers and technology effectively in the classroom.
- Improve understanding of computers and technology (both hardware and software) as necessary to support the first goal.
- Discuss the advantages and limitations of computers and computer-based technologies in the classroom.
- Understand how teachers plan effective learning activities with computers and computer-enhanced lessons.
- Demonstrate an understanding of the roles of teaching standards such as the NJCCCS for Technology and ISTE NETS in learning and teaching.
- Apply technology to develop learners' 21st Century literacy skills, higher order skills, and creativity.
- Employ basic principles of multimedia design for educational activities.
- Establish familiarity with trending topics in technology and provide an assessment (both highlights and pitfalls) of those trends as they relate to learning and teaching.
- Provide discourse on social, equity, ethical, accessibility and legal issues surrounding the use of technology in learning and teaching.
- Analyze the relationship that technology has to equitable access to high-quality education.
- Examine and reconsider knowledge and beliefs about the role of technology in the classroom.
- Utilize computers and technology to support professional growth.

Academic Integrity: All issues of academic integrity are referred to the Rutgers University policy on academic integrity. I expect that you will comply with standards of academic integrity in this course. Assignments should be your own work, except in the case of a required group product. The consequence for violating policies of academic integrity and other elements of the student code of conduct are serious and can have a tremendous negative impact on your academic progress and future career. Refer to <http://academicintegrity.rutgers.edu/academic-integrity-policy> for a full explanation of policies.

Grading Policies: Each assignment in this course will be graded on a 4-point scale with the exception of the SAS Final Research Paper which will be graded out of 20 points:

4/4 = Outstanding

3/4 = Good

2/4 = Satisfactory

1/4 = Unsatisfactory

0/4 = Not Completed By Due Date

Graded assignments must be submitted by the due date and time listed in Canvas. **Late work will not be accepted and will automatically receive 0 points.** In case of illness, please provide a doctor's note.

Grading Policies: Care, respect and integrity are expected in written and classroom exchanges. All written work, including postings on Canvas, should be proofread for clarity, spelling, and grammar. Please use language that is appropriate for the classroom setting and maintain a professional tone in both Canvas postings and classroom discussions. Outside sources, in any assignment, must be referenced appropriately (either APA or Chicago style is acceptable)

Final Grading Scale: The total number of points earned will be divided by the amount of assignments in the course to determine your final grade:

A	90 – 100 %
B+	87 – 89%
B	80 – 86 %
C+	77 – 79 %
C	70 – 76%
D	60 – 69 %
F	0 – 59%

Summary of Requirements

Below is a list of topics and assignments that will be covered in Education & Computers. For specific assignment requirements, please visit the course page at canvas.rutgers.edu
All assignments must be completed by 11:59 PM EST on the evening of the due date. As an example, if an assignment is due on 7/9/21, you have until the night of 7/9/21, 11:59 PM EST (1 minute before it turns 7/10/21) to complete the assignment.

Course Schedule by Week

Week	Topics to be Covered	Assignments & Readings
Unit 1:	<ul style="list-style-type: none"> • Team Building & Changes in Technology • Smart Phones, Apps & Education • Google for Educators • Flipped Classroom & Blended Learning • Pinterest, Facebook, Twitter & Powerful Social Media for Students 	<ul style="list-style-type: none"> • Introduce Yourself to the Class Discussion Board • Did You Know? Discussion Board • What Do You Remember Discussion Board • What is a Lesson Plan Discussion Board • Smart Phones, Apps & Students Discussion Board • Google Apps for Education (GAPE) and You Discussion Board • Khan Academy Discussion Board • Pinterest & The Classroom Discussion Board • Facebook & The Classroom Discussion Board • The Twittersphere Discussion Board • No Choice Discussion Board <p>1 Initial Response due in each discussion board in this unit by 6/11/2021, 11:59 PM EST & 3 Replies to each discussion board in this unit due by 6/25/2021, 11:59 EST</p>

Unit 2	<ul style="list-style-type: none"> • Common Core & Standards Based Education Lesson • Planning & Integrating Technology into the Lesson Planning 	<ul style="list-style-type: none"> • Reflection on Common Core State Standards • Reflection Lesson Plan & Technology • TechSmith Capture Response on Key Parts of Lesson Plan <p>All assignments in this Unit due by 7/2/2021, 11:59 PM EST.</p>
Unit 3	<ul style="list-style-type: none"> • Education & Computers Common Assessment: Culminating Final Paper 	<ul style="list-style-type: none"> • Final Essay due by 7/9/2021, 11:59 PM EST

SAS Core Curriculum Learning Goals:

The SAS Core Curriculum Learning Goals Met by this course: **ITR y**

For more information on Core Curriculum, including courses and requirements visit:

<http://sasundergrad.rutgers.edu/academics/requirements/core>

