



**SCED 696, Action Research in Science Education II**

**Course Description of SCED 696**

researchers (Revised Edition). Portsmouth, NH: Heinemann.

**Technical Requirements:**

Access to a computer with high-speed Internet access.

Acrobat Reader (Available at [www.adobe.com/products/acrobat/readstep2.html](http://www.adobe.com/products/acrobat/readstep2.html))

Word Processor (preferable Microsoft Word)

**EVALUATION**

**Grading allotment:**

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## COURSE SCHEDULE

Each evaluated task (i.e., assignment, summary and critique, or progress check) will be due as expected. Please adjust your schedule accordingly.) Research proposal is due on Monday of Finals Week. All tasks are due by 5:00 PM on the Monday indicated in the table below. Work may be submitted in the Submissions section on Blackboard or via e-mail to your instructor by the posted due date.

Week	Course Task	Date Due	Textbook Chapter	Chapter in Action Research Report
<b>Week One Through Weeks Two</b>	Assignment 1 Quantitative Data Analysis, Reliability & Validity	Friday of Week Two	Mills: Chapter 3 & 4	Data Analysis
<b>Week Three</b>	Assignment 2 Qualitative Data Analysis, Reliability and Validity	Friday of Week Three	Mills: Chapter 3 & 4	Data Analysis
<b>Week Four Through Week Five</b>	Summary and Critique I	Friday of Week Five		
<b>Week Six Through Week Nine</b>	Assignment 4 Conduct Research Plan	Friday of Week Nine	Mills: Chapter 7	
<b>Week Ten Through Week Fifteen</b>	Assignment 5 Analyze Data	Friday of Week Fifteen	Mills: Chapter 6	
<b>Finals Week</b>	Data Analysis Chapter	Monday of Finals Week	Mills: Chapter 6	Data Analysis

### Article Summary and Critique:

For Assignment 1 & 2, you are required to locate, read, summarize, and critique at least four educational research-based journal articles that have significant data analysis. For each of these 5 87.6 0.96002 r

and obtaining the level of proficient on the written communication performance indicator located in the presentation section. The rubric is located in the Course Materials section on Blackboard.