

**MASTER COURSE SYLLABUS**

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<u>BIS</u>	<u>209</u>	<u>Technical Field Experience</u>	<u>1(1-0) F/SP</u>
Design.	No.	Title	Credit (Mode)

**I.** Bulletin Description:

Individual assignment assisting in computer lab setting; 30 hour experience includes software and hardware troubleshooting and problem-solving in a lab environment.

**II.** Prerequisites:

Permission of instructor; completion of EDU 107.

**III.** Rationale for Course Level:

This course will provide students with hands-on experience to prepare them to teach in a computer lab environment.

**IV.** Textbooks and Other Materials To Be Furnished by the Student:

None

**V.** Special Requirements of the Course:

None.

**VI.** General Methodology Used in Teaching the Course:

Students will observe, assist, and provide instruction under the direction of a faculty member in a BIS course taught in a lab setting. Students will demonstrate critical thinking and problem solving skills in troubleshooting problems in a lab environment related to hardware and software and be evaluated on their performance by their lab instructor. Students will be required to prepare three research-based papers on three course-related topics (e.g. software, hardware, teaching-related issues, etc.) with a minimum of three sources. Students will summarize their

experiences, the knowledge gained and the relationship of these areas to their future teaching careers in a final paper. Students must maintain a daily journal (one journal entry for every hour of lab time) and a verified attendance record.

**VII.** Course Objectives:

1. To provide students with the knowledge and experiential base in dealing with the technical aspects (hardware and software) of what business teachers experience when teaching in a lab environment.
2. To provide an exploratory experience in a lab environment for those students who are pursuing a business teacher education major.
3. To provide students with problem-solving experience related to hardware and software issues when teaching in a lab environment.

**VIII.** Course Outline:

Students are placed with a BIS faculty member who teaches a computer course (e.g. BIS 104) in a lab environment. The student will assist in the classroom, observe teaching techniques, assist in teaching students, answer students' questions, and troubleshoot and problem-solve software and hardware problems.

**IX.** Evaluation:

Daily journals	25
Research Papers (3)	25
Final evaluation by lab teacher	25
Final paper	25
Attendance record (documentation of 30 hours minimum req.)	Credit/No Credit
Total	100%

**X.** Bibliography:

Syllabus Prepared by: Dr. Nancy Csapo  
Name

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Signature

February 13, 2004  
Date