

## CTE 3404 SEMINAR IN TEACHING TECHNOLOGY

**Course Description:** A seminar to discuss professionalism, curriculum, resources, and legislation as it relates to Technology. This course is to be taken concurrently with INT 3400, Methods of teaching Business, Family, and Technology Ed. **Co-requisite: INT 3400**

**Course Objectives:** The purpose of this course is to assist the student make the transition to teacher by providing experiences in understanding the curriculum, discipline, planning, and understanding and assessing students.

At the conclusion of this course the student will be able to:

1. Provide connections to local, state, and national professional organizations.
2. Develop an individual professional portfolio.
3. Implement unique instructional strategies specific to content area.
4. Provide connections to Illinois State Board of Education certification.
5. Provide global view of curriculum implementation within fiscal resources.
6. Provide connection to Illinois State Board of Education and International Technology Education Association curriculum resources.
7. Identify and utilize community resources.
8. Pass the content area test.

### **Course Requirements:**

1. Complete assigned readings.
2. Attend all classes and participate.
3. Complete all lessons, presentations, assignments, and homework.
4. Take all quizzes and exams.

### **Evaluation:**

Because of the nature of this course attendance to every class is required to get a good grade. Emergencies are the exception and not the norm. Each individual case will be considered by contacting the instructor by phone or email as soon as possible. Inform the instructor before medical appointments or other conflicting business.

Make sure you save copies of all your work and assignments and quizzes to verify your work.

Late assignments will be docked 10% of grade each day for five days. No late work accepted after five days. Quizzes cannot be made up.

Grades will be determined by dividing the total points received by the total points possible to find a percentage. A letter grade will be assigned using the following scale: 94-100=A, 93-83=B, 82-70=C, 69-64=D, below 63=F.

## **Assignments**

Current Reading Presentation (2)  
Portfolio Completion (Live Text)  
Lesson Plan (3)  
Lesson Plan Critique (3)  
Lesson Presentation (3)  
Classroom/Lab Organization and Management  
Resources  
Professional Organizations and Publications  
Service  
Safety

## **Required Texts**

Wright, R. T. (2000). *Technology*. Tinney Park, IL: Gerhardt/Wilcox.

## **Supplemental Reading**

Thode, B., & Thode, T. (2002) *Technology in action*, (2nd ed.). New York: Glencoe McGraw-Hill.

Pierce, A. J., & Karwatka, D. (1999). *Introduction to technology*. New York: Glencoe McGraw-Hill.

## **Accommodation for Persons With Disabilities**

In cooperation with Disability Services, reasonable accommodation will be provided for students with disabilities. The student must contact the instructor and document the disability through Disability Services (581-6583 or at the 9<sup>th</sup> Street Hall). Any requests for special considerations related to attendance, pedagogy, examinations, etc. must be discussed with and approved by the instructor.

### TENATIVE CLASS SCHEDULE

WEEK	DATES	TOPIC	READING	
1	Aug. 25	Introductions, Course Outline and Structure, Course Expectations, Portfolio, Evaluations, Illinois Certification Test Prep.	Wright: Section 1	
2	Sept. 1	Lesson Prep, Schedule, Prep, Presentation, Critique, STL's, Professional Organizations, Illinois Certification Test: Electronics, Portfolio	Harms; Section 6 Pierce; Chap. 9 Thode; Chap. 8 Sec. 3	
3	Sept. 8	Interviews, Teacher Evaluations, Classroom Management, Philosophy of Education and Technology Education, Illinois Certification Test: Energy and Power, Portfolio	Selections Wright: Section 9	
4	Sept. 15	Service Learning, Lesson outline, Resume, Illinois Certification Test: Transportation, Portfolio	Selections Wright: Section 7	
5	Sept. 22	Unique Instructional Strategies for Specific CTE Content, Lesson Outline Critique, Test Review, Illinois Certification Test: Systems, Portfolio	Selections Wright: Section 1 and 2	
6	Sept. 29	Article Presentation The First Day-Week, Strengths and Weaknesses, Illinois Certification Test: Innovation and Design, Lesson Presentations, Portfolio	Selections Wright: Section 4	
7	Oct. 6	FERPA, Scholarships, Publications, Illinois Certification Test: Manufacturing, Lesson Presentations, Article Presentation	Selections Wright: Section 5	
8	Oct. 13	Students with Disabilities in a lab, Classroom Management in a lab, Illinois Certification Test: Communications Lesson Presentations, Article Presentation	Selections Wright: Section 6	
9	Oct. 20	Lesson Presentations, Article Presentation		
10	Oct. 27	Lesson Presentations, Article Presentation		
11	Nov. 3	Mississippi Valley Technology Education Conf.	Wright: Section 5	
12	Nov. 10	ATMAE	Selections	
13	Nov. 17	Student Assessment, Illinois Certification Test: Weak Areas, Lesson Presentations		
14	Nov. 24	Thanksgiving NO Classes		
15	Dec. 1	Teacher Resources, Illinois Certification Test: Lesson Presentations		
16	Dec. 8	Teacher Resources, Illinois Certification Test: Lesson Presentations		
17	Dec. 12	FINALS WEEK Course Final		