

Tamkang University Academic Year 108, 2nd Semester Course Syllabus

Course Title	SEMINAR (IV)	Instructor	MIN-YEH TSAI
Course Class	TSCXM1A MASTER'S PROGRAM, DEPARTMENT OF CHEMISTRY, 1A	Details	<ul style="list-style-type: none"> ◆ Blended Course ◆ Selective ◆ One Semester ◆ 2 Credits
D e p a r t m e n t a l A i m o f E d u c a t i o n			
<p>I . Cultivate the advanced professional knowledge and experimental techniques.</p> <p>II . Cultivate the capacity of practical implementation.</p> <p>III . Cultivate professional ethics and lifelong learning.</p>			
S u b j e c t D e p a r t m e n t a l c o r e c o m p e t e n c e s			
<p>A. Possess advanced knowledge in chemistry such as organic, physical, inorganic, and instrumental analysis, and extend them into biochemistry, material chemistry, and related chemistry.(ratio:50.00)</p> <p>E. Possess collecting and analyzing information in chemistry and apply them to solve chemistry problems.(ratio:50.00)</p>			
S u b j e c t S c h o o l w i d e e s s e n t i a l v i r t u e s			
<p>3. A vision for the future. (ratio:50.00)</p> <p>5. Independent thinking. (ratio:50.00)</p>			
Course Introduction	<p>This course is designed to help the student learn how to read literature and summarize the content. The student will be asked to choose one main scientific paper and give a short oral presentation in English based on his/her reading. The presentation will be followed by a Q&A session. The student will receive feedback from the audience to improve his/her presentation skills.</p>		

The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.

II. Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.

III. Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

No.	Teaching Objectives	objective methods
1	Given a specific topic, the student will be able to find a scientific paper of interest to read.	Cognitive
2	Given a scientific report, the student will be able to get an overview out of it and explain the motivation, background, methodology, and primary results in great detail.	Cognitive
3	After literature reading, the student will be able to summarize the content into several talking points in the presentation using ppt slides.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	AE	35	Lecture, Discussion	Discussion(including classroom and online), Report(including oral and written), Activity Participation
2	AE	35	Lecture, Discussion	Discussion(including classroom and online), Report(including oral and written), Activity Participation
3	AE	35	Lecture, Discussion	Discussion(including classroom and online), Report(including oral and written), Activity Participation

Course Schedule

Note for Blended Course : When utilizing weekly digital instruction, please fill in "Online Asynchronous Instruction".

Week	Date	Course Contents	Note
1	109/03/02 ~ 109/03/08	Course Intro & Literature survey	

2	109/03/09 ~ 109/03/15	How to read literature & presentation skills	
3	109/03/16 ~ 109/03/22	Preparation	Online Asynchronous Instruction
4	109/03/23 ~ 109/03/29	Preparation	Online Asynchronous Instruction
5	109/03/30 ~ 109/04/05	Week 1	
6	109/04/06 ~ 109/04/12	Week 2	
7	109/04/13 ~ 109/04/19	Spring break	
8	109/04/20 ~ 109/04/26	Week 3	
9	109/04/27 ~ 109/05/03	Mid-term	
10	109/05/04 ~ 109/05/10	Week 4	
11	109/05/11 ~ 109/05/17	Week 5	
12	109/05/18 ~ 109/05/24	Week 6	
13	109/05/25 ~ 109/05/31	Week 7	
14	109/06/01 ~ 109/06/07	Week 8	
15	109/06/08 ~ 109/06/14	Week 9	
16	109/06/15 ~ 109/06/21	Week 10	
17	109/06/22 ~ 109/06/28	Final	
18	109/06/29 ~ 109/07/05	Supplementary teaching:Week 11 彈性補充教學	
Requirement			
Teaching Facility		Computer, Projector	
Textbooks and Teaching Materials			
References			

Number of Assignment(s)	(Filled in by assignment instructor only)
Grading Policy	◆ Attendance : 20.0 % ◆ Mark of Usual : 40.0 % ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other (Oral) : 40.0 %
Note	<ol style="list-style-type: none"> 1. This syllabus may be uploaded at the website of the Course Syllabus Management System at https://info.ais.tku.edu.tw/csp or through the link of the Course Syllabus Upload posted on the home page of the TKU Office of Academic Affairs http://www.acad.tku.edu.tw/CS/main.php 2. According to the Implementation regulations of distance education for junior college and above are prescribed pursuant to Article 2, "The distance learning course referred to in these Measures refers to more than one-half of the teaching hours in each subject." 3. According to the regulations of Tamkang University Enforcement Rules for digital teaching, Paragraph 2 and Article 3, the distance learning course of our school must be "The course of digital teaching with distance learning platform or synchronous video system in our school. Teaching Hours include course lectures, teacher-student interaction discussions, quizzes and other learning activities." 4. If there are any temporary course changes (including time changes and classroom changes of distance learning courses, blended courses), please make out an application according to regulations to the Office of Academic Affairs. <p style="color: red; font-weight: bold;">※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>