

Tamkang University Academic Year 109, 2nd Semester Course Syllabus

Course Title	SEMINAR (II)	Instructor	CHANG-SHIN LEE
Course Class	TSCXM1A MASTER'S PROGRAM, DEPARTMENT OF CHEMISTRY, 1A	Details	◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	SDG4 Quality education		
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			
I . Cultivate the advanced professional knowledge and experimental techniques. II . Cultivate the capacity of practical implementation. III . Cultivate professional ethics and lifelong learning.			
Subject Departmental core competences			
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:60.00) C. Possess basic research ability and seminar participation in chemistry-related projects, and independently finish writing the research paper.(ratio:40.00)			
Subject Schoolwide essential virtues			
3. A vision for the future. (ratio:50.00) 5. Independent thinking. (ratio:50.00)			
Course Introduction	This course consists of weekly literature reporting by students. The reporting topics cover various research fields of chemistry		

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	Making students aware of various research fields and on-going research topics of chemistry	Affective
2	Having students to promote the ability of literature reading, analysis, organization and verbal presentation	Affective

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

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

Course Schedule

Week	Date	Course Contents	Note
1	110/02/22 ~ 110/02/28	Introduction	
2	110/03/01 ~ 110/03/07	Literature Research	
3	110/03/08 ~ 110/03/14	Literature Research	
4	110/03/15 ~ 110/03/21	Literature Research	
5	110/03/22 ~ 110/03/28	Presentation and Discussion	
6	110/03/29 ~ 110/04/04	Presentation and Discussion	
7	110/04/05 ~ 110/04/11	Presentation and Discussion	
8	110/04/12 ~ 110/04/18	Presentation and Discussion	

9	110/04/19 ~ 110/04/25	Presentation and Discussion	
10	110/04/26 ~ 110/05/02	Presentation and Discussion	
11	110/05/03 ~ 110/05/09	Presentation and Discussion	
12	110/05/10 ~ 110/05/16	Presentation and Discussion	
13	110/05/17 ~ 110/05/23	Presentation and Discussion	
14	110/05/24 ~ 110/05/30	Presentation and Discussion	
15	110/05/31 ~ 110/06/06	Presentation and Discussion	
16	110/06/07 ~ 110/06/13	Presentation and Discussion	
17	110/06/14 ~ 110/06/20	Presentation and Discussion	
18	110/06/21 ~ 110/06/27	Presentation and Discussion	
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 : 20.0 % ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other 〈口頭報告〉 : 60.0 %	
Note		This syllabus may be uploaded at the website of Course Syllabus Management System at http://info.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.	