

Tamkang University Academic Year 109, 1st Semester Course Syllabus

Course Title	SEMINAR (I)	Instructor	
Course Class	TSCXM1A MASTER'S PROGRAM, DEPARTMENT OF CHEMISTRY, 1A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
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:40.00)</p> <p>B. Possess basic experimental chemistry techniques and apply them to other chemistry-related experimental works.(ratio:20.00)</p> <p>C. Possess basic research ability and seminar participation in chemistry-related projects, and independently finish writing the research paper.(ratio:10.00)</p> <p>E. Possess collecting and analyzing information in chemistry and apply them to solve chemistry problems.(ratio:30.00)</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>1. A global perspective. (ratio:40.00)</p> <p>2. Information literacy. (ratio:20.00)</p> <p>3. A vision for the future. (ratio:20.00)</p> <p>5. Independent thinking. (ratio:20.00)</p>			

Course Introduction	Professors, researchers or experts from various fields will be invited to give professional talks for our graduated students. The students will have very good chances to learn the cutting-edge knowledge in various fields and also the skills for giving scientific and academic presentations.
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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	To learn academic presentation skills	Cognitive
2	To establish the skills for professional discussion	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCE	1235	Lecture, Discussion	Discussion(including classroom and online), Report(including oral and written)
2	ABCE	1235	Lecture, Discussion	Discussion(including classroom and online)

Course Schedule

Week	Date	Course Contents	Note
1	109/09/14~ 109/09/20	勞工安全教育 Laboratory safety training	
2	109/09/21~ 109/09/27	專題演講 Speech	
3	109/09/28~ 109/10/04	專題演講 Speech	

4	109/10/05 ~ 109/10/11	專題演講 Speech	
5	109/10/12 ~ 109/10/18	專題演講 Speech	
6	109/10/19 ~ 109/10/25	專題演講 Speech	
7	109/10/26 ~ 109/11/01	專題演講 Speech	
8	109/11/02 ~ 109/11/08	專題演講 Speech	
9	109/11/09 ~ 109/11/15	專題演講 Speech	
10	109/11/16 ~ 109/11/22	The week for midterm exam	
11	109/11/23 ~ 109/11/29	專題演講 Speech	
12	109/11/30 ~ 109/12/06	專題演講 Speech	
13	109/12/07 ~ 109/12/13	專題演講 Speech	
14	109/12/14 ~ 109/12/20	專題演講 Speech	
15	109/12/21 ~ 109/12/27	專題演講 Speech	
16	109/12/28 ~ 110/01/03	專題演講 Speech	
17	110/01/04 ~ 110/01/10	The week for preparing final exam	
18	110/01/11 ~ 110/01/17	The week for final exam	
Requirement	<p>不可無故不出席,缺課一次扣總分二十分,缺課三次該科以零分計,問題一次五分。 Your attendance will be checked for every class. If you are absent for one time, 20 points will be taken away from your final grade. Moreover, if you are absent from the class for 3 times, you will get 0 point for this course. For question asking, if you rise one question, you will get 5 points (maximum: 30 points).</p>		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials			
References			
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	<p>◆ Attendance : 70.0 % ◆ Mark of Usual : % ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other <Question asking> : 30.0 %</p>		

Note	<p>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 .</p> <p>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>
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