



2010/2011 FALL SEMESTER STUDENT INTERVIEWS SUMMARY REPORT

In the scope of ABET Continuous Improvement & Assessment (CIA) studies “Student Interviews” were conducted in 2010/2011 Fall semester for 33 lectures and the following comments were obtained.

- The existing course credits were questioned for 2010/2011 Fall Semester courses and the proposed credits were given in the following table.

Lectures	Existing credit	Proposed credit
Global Environment	3+0	2+0
Microbiology	2+2	1+2
Environmental Ecology	3+0	2+0
Unit Operations	3+0	2+0 2+2*
Water Supply & Wastewater Disposal	3+1	3+2
Wastewater Treatment	3+1	3+3

*In the presence of laboratory section



- Some students think that some academic staff have not behaved as politely. Therefore, students ask the academic staff to be more tolerant and to behave more encouraging.
- Students stated that the physical capacity of some classrooms were not enough.
- The physical capacity of the laboratories for student practices were not adequate for the Environmental Chemistry I and Microbiology courses. Therefore, students recommend that each working group would consist of maximum 2 students.
- Students complained about the late announcement of mid-term exam results.
- Students think that taking a General Chemistry course related to our department would be more beneficial.

- Students think that the 4-hours lectures should not be given consecutively.
- Students do not prefer to take the course from more than one instructor due to the lack of coordination. Moreover, the continuity and productivity of the course may be adversely affected from this situation.
- Students stated that a laboratory section in the Unit Operations course is required.
- The project given in the Control of Treatment Sludges course should be a part of the project given in the Wastewater Treatment course.
- In general, there were complaints about the curriculum, the lecturing ways, inadequacy of both projects and laboratories. There are some students who think that the number of the projects should be increased. Most of the students want that the related projects should be prepared in another course at least one semester after taking the main course.
- The reasons why the students prefer ITU was its reputation. They think that they can learn how to think as an engineer and can gain the notion. However, during their education, the most important gap that they feel is about the practical application.
- The students believe that when the lectures are given by the instructors who have experience on project preparation or who have published papers related to the subject, the courses are more efficient.
- Students want that the homeworks to be regularly updated and they want to get feedbacks about their homeworks after submission.
- Students want that the lecturing presentations should be updated regularly and they mentioned about the inadequacy of visual equipments.
- Students want that Water Quality course to be also given in Turkish. They suggest that Environmental Chemistry II course should be the prerequisite of Water Quality course.
- The practices in the last year lectures (in senior courses), especially in the lectures having projects, were not adequate. Therefore, the students have difficulties in making a connection between the lecture and the project parts and also in providing solution.
- Student suggested that all important professional courses should not given in the last 2 semesters of the curriculum. These lectures should be distributed in balanced to learn in a more efficient way.
- Technical trips should be scheduled in the last two weeks of the semester. Students believe that it would be more efficient to practice what they have learned during the semester. Besides, they want to see more demonstrations relating to the pilot and full-scale treatment plants.

Appendix 1.

Lectures and Interview Questions

1st Year, 1st Semester Courses

CRN	Code	Courses	Lecturer	Day	Hours	Class	Interviewer
13339	CEV 111E	Global Environment	F.Babuna	Wednesday	1330/1629	B203	İ. Demir
13342	CEV 111E	Global Environment	G. İskender, İ. Alaton	Tuesday	0930/1229	B204	M. Yazgan
13343	CEV 111E	Global Environment	E.Dülekürgen	Wednesday	1330/1629	A203	S. Övez

General Questions:

1. Have you preferred this department intentionally?
Yes: No:
2. Have you been aware of this department?
Yes: No:
3. Do you think your expectations were met in this lecture?
Yes: No:
4. What kind of modifications can you suggest to improve this lecture?
5. Do you think that the credit of this lecture is appropriate? If no, what should it be?
Yes: No:
6. Have you done any literature survey during this lecture?
Yes: No:
7. What are your positive and negative opinions related to this lecture?

2nd Year, 3rd Semester

CRN	Code	Courses	Lecturer	Day	Hours	Class	Interviewer
13345	CEV 211	Environmental Chemistry I	I.Kabdaşlı, T. Ölmez	Tuesday Tuesday	1030/1229 1330/1529	A102 B308	A. Çeçen Erbil
13346	CEV 211	Environmental Chemistry I	İ.Toröz, S.Doğruel	Thursday Thursday	1030/1229 1330/1529	B101 B205	M. Gürel
13347	CEV 214	Environmental Ecology	M.Sait Yazgan	Friday	0830/1129	B302	E. Pehlivanoglu Mantaş
13348	CEV 221	Microbiology	S.Övez	Wednesday	0830/1229	B305	E. Pehlivanoglu Mantaş
13349	CEV 221	Microbiology	D.Okutman Taş Z.D.Heperkan	Monday	1330/1729	A303	Ö. Karahan

General Questions:

1. Do you think your expectations were met in this lecture?
Yes: No:
2. Do you think that you may use what you have learned in this lecture in the future?
Yes: No:
3. What kind of modifications can you suggest to improve this lecture?
4. Do you think that the credit of this lecture is appropriate? If no, what should it be?
Yes: No:
5. Do you think that the laboratory and the lecture contents are compatible?
6. Have you done any literature survey during this lecture?
Yes: No:
7. What are your positive and negative opinions related to this lecture?

3rd Year, 5th Semester

CRN	Code	Courses	Lecturer	Day	Hours	Class	Interviewer
13350	CEV 311	Unit Operations	S.Sözen, R.Taşlı Toraman	Monday	0930/1229	B201	S. Doğruel
13351	CEV 311	Unit Operations	N.Artan, E.Görgün	Wednesday	1330/1629	A102	A. Çeçen Erbil
13353	CEV 315	Urban Planning	Ö.Ertekin	Thursday	0830/1029	A105	M. Altınbaş
13354	CEV 317	Urban Runoff	A.F. Aydın, İ.Öztürk	Wednesday	0830/1029	B202	T. Ölmez Hancı
13355	CEV 319	Public & Occupational Health	G.İskender, İ.Toröz	Wednesday	0830/1029	B307	S. Doğruel
13356	CEV 321	Water Supply & Wastewater Disposal	M.Turan	Friday Wednesday	0930/1129 1030/1229	A305 A204	Ö. Karahan
13357	CEV 321	Water Supply & Wastewater Disposal	E.Genceli, A.F.Aydın	Wednesday Thursday	1030/1229 1030/1229	B306 B105	A. Çeçen Erbil
13359	CEV 331E	Water Quality	B.Beler Baykal	Tuesday	1330/1629	B302	M. Altınbaş
13360	CEV 331E	Water Quality	M.Gürel	Tuesday	1330/1629	B305	E. Pehlivanoglu
13361	CEV 341	Chemical Processes	İ.Kabdaşlı, O.Tünay	Thursday	1330/1629	A102	T. Ölmez Hancı
13362	CEV 341E	Chemical Processes	İ.Alaton, A.Erbil	Thursday	1330/1629	B204	M. Yazgan

General Questions:

1. Do you think your expectations were met in this lecture?
Yes: No:
2. Do you think that you may use what you have learned in this lecture in the future?
Yes: No:
3. What kind of modifications can you suggest to improve this lecture?
4. Do you think that regarding to your previous lectures, you may have any fundamental gap which would support this lecture?
5. Do you think is there any course that should be the prerequisite of this lecture?
6. Is there any sections in this lecture that were already covered in the previous lectures? If yes, what are they?
7. What are the topics that you think you have difficulties to understand in this lecture?
8. Can you make the connections between the lectures present in the curriculum?

9. Do you think that the credit of this lecture is appropriate? If no, what should it be?

Yes: No:

10. Have you done any literature survey during this lecture?

Yes: No:

11. What are your positive and negative opinions related to this lecture?

4th Year, 7th Semester

CRN	Code	Courses	Lecturer	Day	Hours	Class	Interviewer
13363	CEV 411	Wastewater Treatment	İ.Öztürk, G.İnsel	Thursday	1330/1729	B303	M. Gürel
13376	CEV 411	Wastewater Treatment	İ.Koyuncu, M.Altınbaş	Thursday	0830/1229	A204	Ö. Karahan
13432	CEV 419	Structural Engineering	T.Aksu Özkul	Tuesday	0830/1029	---	İ. Demir
13433	CEV 421	Industrial Pollution Control	F.Babuna, K. Alp,T.Ölmez	Monday	0930/1229	ENB D1	M. Yazgan
13469	CEV 421E	Industrial Pollution Control	İ.Talınlı	Monday	1330/1629	---	T. Ölmez Hancı
13472	CEV 423	Environmental Policy	İ.Talınlı	Friday	1330/1629	B302	S. Övez
13474	CEV 425E	Anaerobic Treatment Process	O.İnce	Tuesday	0830/1029	A101	A.F. Aydın
13475	CEV 431	Control of Treatment Sludges	E.Genceli, C. Kınacı	Tuesday	1030/1229	ENB D1	İ. Demir
13476	CEV 431E	Control of Treatment Sludges	Ç.Yangın Gömeç	Tuesday	1030/1229	ENB D2	G. İnsel
13478	CEV 436	Land Treatment	M.S.Yazgan	Tuesday	0830/1029	---	G. İnsel
13479	CEV 441	Environmental Modelling Principles	E.Çokgör, M.Gürel	Friday	0830/1129	A205	S. Övez
13481	CEV 441E	Environmental Modelling Principles	E.Çokgör, M.Gürel	Friday	1430/1729	A205	G. İnsel
13489	CEV 471	Engineering Ethics	E.Çokgör, O.Tünay	Tuesday	1330/1429	A103	S. Doğruel
13491	CEV 471	Engineering Ethics	E.Çokgör, O.Tünay	Friday	1130/1229	B302	M. Gürel

General Questions:

1. Do you think your expectations were met in this lecture?

Yes: No:

2. Do you think that you may use what you have learned in this lecture in the future?

Yes: No:

3. Do you think that you have progressed during your education in this department?

Yes: No:

4. What kind of modifications can you suggest to improve this lecture?

5. Do you think that regarding to your previous lectures, you may have any fundamental gap which would support this lecture?
6. Do you think is there any course that should be the prerequisite of this lecture?
7. Is there any sections in this lecture that were already covered in the previous lectures? If yes, what are they?
8. Do you think that the credit of this lecture is appropriate? If no, what should it be?
 Yes: No:
9. What are the topics that you think you have difficulties to understand in this lecture?
10. Can you make the connections between the lectures present in the curriculum?
11. Have you done any literature survey during this lecture?
 Yes: No:
12. What are your positive and negative opinions related to this lecture?

Specific questions related to each lecture for senior students:

CEV 411 Wastewater Treatment

Do you believe that you have the required knowledge that will help you if you work in a design office? Are you self-confident in design applications? What kind of additional information could be given in this lecture?

CEV 421(E) Industrial Pollution Control

Do you believe that you have the required knowledge about the industrial pollution control if you work in a related business area? Are you self-confident in this subject? What kind of additional information could be given in this lecture?

CEV 423 Environmental Policy

Do you believe that you have the required knowledge about the environmental policy if you work in a related business area? Are you self-confident in this subject? What kind of additional information could be given in this lecture?

CEV 425E Anaerobic Treatment Process

Do you believe that you have the required knowledge about the anaerobic treatment processes? Are you self-confident in this subject? What kind of additional information could be given in this lecture?

CEV 431(E) Control of Treatment Sludges

Do you believe that you have the required knowledge about the control of treatment sludges? Are you self-confident in this subject? What kind of additional information could be given in this lecture?

CEV 436 Land Treatment

Do you believe that you have the required knowledge about the land treatment? Are you self-confident in this subject? What kind of additional information could be given in this lecture?

CEV 441(E) Environmental Modelling Principles

Do you believe that you have the required knowledge about the environmental modelling? Are you self-confident in this subject? What kind of additional information could be given in this lecture?

CEV 471 Engineering Ethics

Do you believe that you have the required knowledge about the engineering ethics? What kind of additional information could be given in this lecture?