

2019-2020 EFYK221 - Quality Control and Analysis Committee

1. Week	10 February 2020 Monday	11 February 2020 Tuesday	12 February 2020 Wednesday	13 February 2020 Thursday	14 February 2020 Friday
08.30-09.20		Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)		Professional English IV	Spectrometric quantitation of paracetamol and Spectrometric quantitation in tablets including paracetamol (Analytical Chemistry Lab)
09.30-10.20				Professional English IV	
10.30-11.20	Introduction to Instrumental Analysis (Demet Dinçel)		Molecular spectroscopy (UV-vis spectroscopy) (E.Tekkeli)	refractometry, polarimetry, turbidimetry, nephelometry (I.Gazioğlu)	
11.30-12.20	Optic and spectroscopic techniques (Demet Dinçel)		Molecular spectroscopy (UV-vis spectroscopy) (E.Tekkeli)	refractometry, polarimetry, turbidimetry, nephelometry (I.Gazioğlu)	
Öğle Arası					
13.30-14.20	Professional english IV	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Introduction to molecular luminescence spectrometry (Demet Dinçel)	Infrared, raman and nuclear magnetic resonance spectroscopy (A.C. Gören)	Spectrometric quantitation of paracetamol and Spectrometric quantitation in tablets including paracetamol (Analytical Chemistry Lab)
14.30-15.20	Professional english IV		Fluorimetry, phosphorimetry, chemiluminescence (Demet Dinçel)	Infrared, raman and nuclear magnetic resonance spectroscopy (A.C. Gören)	
15.30-16.20	Qualitative Drug Analysis Laboratory Demo and Information (Classroom) (H. Şenol)		Spectrofluorimetric quantitation (I.Gazioğlu)	Infrared, raman and nuclear magnetic resonance spectroscopy (A.C. Gören)	
16.30-17.20	Qualitative Drug Analysis Laboratory Demo and Information (Classroom) (H. Şenol)		Spectrofluorimetric quantitation (I.Gazioğlu)		

2. Week	17 February 2020 Monday	18 February 2020 Tuesday	19 February 2020 Wednesday	20 February 2020 Thursday	21 February 2020 Friday
08.30-09.20		Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Professional English IV	Spectrometric quantitation of tetrahydrazoline (Analytical Chemistry Lab)
09.30-10.20				Professional English IV	
10.30-11.20	Atomic Absorption Spectroscopy (AAS), Atomic Emission Spectroscopy (AES) (I.Gazioğlu)			ICP (I.Gazioğlu)	
11.30-12.20	Atomic Absorption Spectroscopy (AAS), Atomic Emission Spectroscopy (AES) (I.Gazioğlu)			ICP (I.Gazioğlu)	
Öğle Arası					
13.30-14.20	Professional english IV	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	TGA-DSC (B.Temel)	Spectrometric quantitation of tetrahydrazoline (Analytical Chemistry Lab)
14.30-15.20	Professional english IV			TGA-DSC (B.Temel)	
15.30-16.20	Structure determination of unknown sample by ¹ H-NMR (Pharmaceutical Chem - III Lab) (Classroom H. Şenol, B. Z. Kurt)			General principles of chromatography (E.Tekkeli)	
16.30-17.20				General principles of chromatography (E.Tekkeli)	

3. Week	24 February 2020 Monday	25 February 2020 Tuesday	26 February 2020 Wednesday	27 February 2020 Thursday	28 February 2020 Friday
08.30-09.20		Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Professional English IV	Spectrometric quantitation in formulations including tetrahydrazoline (Analytical Chemistry Lab)
09.30-10.20				Professional English IV	
10.30-11.20	qNMR (A.C. GÖREN)			HPLC (E.Tekkeli)	
11.30-12.20	qNMR (A.C. GÖREN)			HPLC (E.Tekkeli)	
Öğle Arası					
13.30-14.20	Professional english IV	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)		Spectrometric quantitation in formulations including tetrahydrazoline (Analytical Chemistry Lab)
14.30-15.20	Professional english IV				
15.30-16.20	¹ H-NMR Problem Solving About Structure Determination (Pharmaceutical Chem - III Lab) (Classroom H. Şenol, B. Z. Kurt)			Formative Exam	
16.30-17.20					

4. Week	2 March 2020 Monday	3 March 2020 Tuesday	4 March 2020 Wednesday	5 March 2020 Thursday	6 March 2020 Friday
08.30-09.20	Mass spectrometry (A.C. Gören)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Professional English IV	Spectrofluorimetric quantitation of levofloxacin (Analytical Chemistry Lab)
09.30-10.20	Mass spectrometry (A.C. Gören)			Professional English IV	
10.30-11.20	Mass spectrometry (A.C. Gören)			GC (E.Tekkeli)	
11.30-12.20	Mass spectrometry (A.C. Gören)			GC (E.Tekkeli)	
Öğle Arası					
13.30-14.20	Professional english IV	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Spectrometric quantitation of Curcumin (Analytical Chemistry Lab)	Spectrofluorimetric quantitation of levofloxacin (Analytical Chemistry Lab)
14.30-15.20	Professional english IV				
15.30-16.20	Structure determination of unknown sample by ¹³ C-NMR (Pharmaceutical Chem - III Lab) (Classroom H. Şenol, B. Z. Kurt)				
16.30-17.20					

5. Week	9 March 2020 Monday	10 March 2020 Tuesday	11 March 2020 Wednesday	12 March 2020 Thursday	13 March 2020 Friday
08.30-09.20			Analysis with HPLC (Analytical Chemistry Lab)	Professional English IV	GC-MS, LC-MS (Analytical Chemistry Lab)
09.30-10.20	Introduction to electrochemical analysis and electrometric methods (Demet Dinçel)	Structure Determination Combined Problem Solving (IR, MS and NMR) (H. Şenol)		Professional English IV	
10.30-11.20	Introduction to electrochemical analysis and electrometric methods (Demet Dinçel)	Structure Determination Combined Problem Solving (IR, MS and NMR) (H. Şenol)		Micellar electrokinetic chromatography (E.Tekkeli)	
11.30-12.20	Introduction to electrochemical analysis and electrometric methods (Demet Dinçel)	Structure Determination Combined Problem Solving (IR, MS and NMR) (H. Şenol)		SFC and capillary electrophoresis (E.Tekkeli)	
Öğle Arası					
13.30-14.20	Professional english IV	MAKE-UP Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab)	Analysis with HPLC (Analytical Chemistry Lab)	Drug Monitoring (E.Tekkeli)	GC-MS, LC-MS (Analytical Chemistry Lab)
14.30-15.20	Professional english IV			Drug Monitoring (E.Tekkeli)	
15.30-16.20	¹³ C-NMR Problem Solving About Structure Determination (Pharmaceutical Chem - III Lab) (Classroom H. Şenol, B. Z. Kurt)			Method validation (E.Tekkeli)	
16.30-17.20				Method validation (E.Tekkeli)	

6. Week	16 March 2020 Monday	17 March 2020 Tuesday	18 March 2020 Wednesday	19 March 2020 Thursday	20 March 2020 Friday
08.30-10.20					
10.30-12.20					Summative Exam
13.30-15.30			Lab Exam		
15.30-17.30					