

**EF221 QUALITY CONTROL AND ANALYSIS COMMITTEE**  
(Dr.Ögr.Üyesi Ebru Erol)

1. Week	28 Şubat 2022 Pazartesi	1 Mart 2022 Salı	2 Mart 2022 Çarşamba	3 Mart 2022 Perşembe	4 Mart 2022 Cuma
08.30-09.20					
09.30-10.20					
10.30-11.20	Professional English IV	Professional English IV	Refractometry, polarimetry, turbidimetry, nephelometry <b>Doç. Dr. Işıl Gazioğlu</b>		Nuclear Magnetic Resonance (NMR) spectroscopy <b>Dr. Öğr.Üyesi Ebru Erol</b>
11.30-12.20					
<b>Öğle Arası</b>					
13.30-14.20	Introduction to Instrumental Analysis <b>Prof. Dr. Evrim Tekkeli</b>	Introduction to molecular luminescence spectrometry <b>Prof. Dr. Evrim Tekkeli</b>	Infrared and raman spectroscopy <b>Dr. Öğr.Üyesi Ebru Erol</b>	Atomic Absorption Spectroscopy (AAS), Atomic Emission Spectroscopy (AES) <b>Doç. Dr. Işıl Gazioğlu</b>	TGA-DSC <b>Prof. Dr. Binnur Temel</b>
14.30-15.20	Optic and spectroscopic techniques <b>Prof. Dr. Evrim Tekkeli</b>	Fluorimetry, phosphorimetry, chemiluminescence <b>Prof. Dr. Evrim Tekkeli</b>			
15.30-16.20	Molecular spectroscopy (UV-Vis spectroscopy) <b>Prof. Dr. Evrim Tekkeli</b>	Spectrofluorimetric quantitation <b>Prof. Dr. Evrim Tekkeli</b>		ICP <b>Doç. Dr. Işıl Gazioğlu</b>	General principles of chromatography <b>Arş.Gör.Dr. Gizem Tırıs</b>
16.30-17.20					

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2. Week	7 Mart 2022 Pazartesi	8 Mart 2022 Salı	9 Mart 2022 Çarşamba	10 Mart 2022 Perşembe	11 Mart 2022 Cuma	
08.30-09.20			Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar- Arş. Gör. Serap İpek Dingiş Birgül</b> (First Group)			
09.30-10.20						
10.30-11.20	Professional English IV	Professional English IV			Structure determination of unknown sample by <sup>1</sup> H-NMR <b>Doç. Dr. Belma Zengin Kurt</b>	
11.30-12.20						
<b>Öğle Arası</b>						
13.30-14.20	HPLC <b>Dr. Öğr. Üyesi Ebru Erol</b>	Mass spectrometry <b>Dr. Öğr. Üyesi Ebru Erol</b>	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar- Arş. Gör. Serap İpek Dingiş Birgül</b> (First Group)			
14.30-15.20						
15.30-16.20	Drug Monitoring <b>Prof. Dr. Evrim Tekkeli</b>	Structure determination of unknown sample by chemical qualitative analysis Lab Demo <b>Dr. Öğr. Üyesi Halil Şenol</b>				
16.30-17.20						

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3. Week	14 Mart 2022 Pazartesi	15 Mart 2022 Salı	16 Mart 2022 Çarşamba	17 Mart 2022 Perşembe	18 Mart 2022 Cuma
08.30-09.20	Spectrometric quantitation of paracetamol (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> (First - Second Group)	Professional English IV	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar-</b> <b>Arş. Gör.Serap İpek Dingiş Birgül</b> (Second Group)	Spectrometric quantitation in tablets including paracetamol (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> (First - Second Group)	<sup>1</sup> H-NMR Problem Solving About Structure Determination <b>Doç.Dr. Belma Zengin Kurt</b>
09.30-10.20					
10.30-11.20					
11.30-12.20					
<b>Öğle Arası</b>					
13.30-14.20	Spectrometric quantitation of paracetamol (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> (Third - Fourth Group)	<b>FORMATIVE</b>	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar-</b> <b>Arş. Gör.Serap İpek Dingiş Birgül</b> (Second Group)	Spectrometric quantitation in tablets including paracetamol (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> (Third - Fourth Group)	Micellar electrokinetic chromatography <b>Prof. Dr. Evrim Tekkeli</b>
14.30-15.20					SFC and capillary electrophoresis <b>Prof. Dr. Evrim Tekkeli</b>
15.30-16.20					
16.30-17.20					

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4. Week	21 Mart 2022 Pazartesi	22 Mart 2022 Salı	23 Mart 2022 Çarşamba	24 Mart 2022 Perşembe	25 Mart 2022 Cuma
08.30-09.20	Professional English IV	Professional English IV	Spectrometric quantitation of tetrahydrazoline (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> Third Group	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar-</b> <b>Arş. Gör.Serap İpek Dingiş Birgül</b> (Third Group)	Analysis with HPLC (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> (Fourth Group)
09.30-10.20					
10.30-11.20					
11.30-12.20					
<b>Öğle Arası</b>					
13.30-14.20	GC <b>Doç. Dr. Işıl Gazioğlu</b>	Introduction to electrochemical analysis and electrometric methods <b>Doç. Dr. Işıl Gazioğlu</b>	Spectrometric quantitation of tetrahydrazoline (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> Third Group	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar-</b> <b>Arş. Gör.Serap İpek Dingiş Birgül</b> (Third Group)	Analysis with HPLC (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs -</b> <b>Arş. Gör.Rabia Duran</b> (Fourth Group)
14.30-15.20					
15.30-16.20	Structure determination of unknown sample by <sup>13</sup> C-NMR <b>Dr. Öğr. Üyesi Halil Şenol</b>				
16.30-17.20					

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5. Week	28 Mart 2022 Pazartesi	29 Mart 2022 Salı	30 Mart 2022 Çarşamba	31.04.2022	1 Nisan 2022 Cuma
08.30-09.20					
09.30-10.20					
10.30-11.20	Professional English IV	Professional English IV	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar- Arş. Gör.Serap İpek Dingiş Birgül</b> (Fourth Group)	Spectrometric quantitation of Curcumin (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs - Arş. Gör.Rabia Duran</b> (Fifth Group)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar- Arş. Gör.Serap İpek Dingiş Birgül</b> (Fifth Group)
11.30-12.20					
<b>Öğle Arası</b>					
13.30-14.20	Method validation <b>Arş. Gör.Dr. Gizem Tırıs</b>	Structure Determination Combined Problem Solving (IR, MS and NMR) <b>Dr. Öğr. Üyesi Halil Şenol</b>	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar- Arş. Gör.Serap İpek Dingiş Birgül</b> (Fourth Group)	Spectrometric quantitation of Curcumin (Analytical Chemistry Lab) <b>Arş. Gör.Dr. Gizem Tırıs - Arş. Gör.Rabia Duran</b> (Fifth Group)	Structure determination of unknown sample by chemical qualitative analysis (Analytical Chemistry Lab) <b>Arş. Gör. Ebru Didem Coşar- Arş. Gör.Serap İpek Dingiş Birgül</b> (Fifth Group)
14.30-15.20					
15.30-16.20	13C-NMR Problem Solving About Structure Determination <b>Dr. Öğr. Üyesi Halil Şenol</b>				
16.30-17.20					

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6. Week	4 Nisan 2022 Pazartesi	5 Nisan 2022 Salı	6 Nisan 2022 Çarşamba	7 Nisan 2022 Perşembe	8 Nisan 2022 Cuma
08.30-09.20					
09.30-10.20					
10.30-11.20	Professional English IV	Professional English IV	Qualitative Analysis Lab Exam		SUMMATIVE
11.30-12.20					
Öğle Arası					
13.30-14.20	Qualitative Analysis Lab Make Up (Analytical Chemistry Lab) Arş. Gör. Ebru Didem Coşar- Arş. Gör.Serap İpek Dingiş Birgül	Quantitative Analysis Lab Make Up (Analytical Chemistry Lab) Arş. Gör.Dr. Gizem Tırıs - Arş. Gör.Rabia Duran	Quantitative Analysis Lab Make Up (Analytical Chemistry Lab) Arş. Gör.Dr. Gizem Tırıs - Arş. Gör.Rabia Duran		
14.30-15.20					
15.30-16.20					
16.30-17.20					