

Coloured Stones & Gem Identification					
GBA		Theoretical exam:Basic + Advanced (60 out of 100%)			
P		Practical exam (20 stones):18 stones out of 20 to pass			
Homeworks: books studying					
week#					
1					
h	Monday	Tuesday	Wednesday	Thursday	Friday
					lab requirment: 30 stones
10,00	Introduction to gemmology	Refractometer	Pleochroism	Spectroscope	Natural Inclusions
	Minerals/geology	Conoscope	Dichroscope	Fluorescence	Microscope
	Strunz Classification		Physical properties	Lab	Lab
	Crystallography		Specific gravity / hydrostatic balance		
	Visual observation		Lab		
	Optical phenomena				
	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
	Light theory	Lab	Lab	Lab	7 stones mini-exam
	Polariscope				
17:45	Lab				

week# 2					
h	Monday	Tuesday	Wednesday	Thursday	Friday
10:00		Beryl	Garnet	Quarz (macro-, micro-, crypto-)	Theory exam I (Basic) 1h
	Corundum	Tourmaline			15 stones mini-exam
	Spinel	Topaz			
	Zircon	Peridot			
	Chrysoberyl	Zoisite	Glass/Assembled stones	Opal	
	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
	Lab	Lab	Lab	Lab	
17,45					

week# 3					
h	Monday	Tuesday	Wednesday	Thursday	Friday
10,00	Spodumen	Andalusite	Opaque stones (<i>lapis lazuli, turquoise, malachite, azurite, sugilite, charoite, sodalite, eilat, variscite, rhodochrosite, rhodonite</i>)	Synthetic methods (verneil, flux)	Synthetic method (hydrothermal)
	Diopside	Iolite (cordierite)			
	Enstatite	Feldspar		Collector's stones (<i>scapolite, apatite, fluorite, kyanite, kornerupine, sphene, sinhalite, moldavite, obsidian</i>)	Synthetic corundum
	Jade		Synthetic spinel		
	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
	Lab	Lab	Lab	Lab	10 stones mini-exam
17:45					

week# 4					
h	Monday	Tuesday	Wednesday	Thursday	Friday
9,00	Dye, Irradiation treatments	Corundum Borax treatment	Lab	Theory exam Advanced (2 hours)	Practical exam (10 mixed stones)
	Corundum treatments:	Emerald Oil treatment			
	Heating				
	Ti/Cr/Be-diffusion	Emerald Resin treatment			
	Glass-filling				
	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
	Lab	Lab	Lab	Practical exam (10 natural stones)	Correction and Graduation
17:45					