Learning objectives are listed according to numeration in JAR Learning objectives – the two last enumerations are not taken into account.
To some of the learning objectives is given relatively more attention, and some are considered in a more appropriate context. These are marked with font in blue.

	05 METEOROLOGY (50 houurs of lectures and 30 hours of excercises)		**št.ur**	**teden**
01	**THE ATMOSPHERE**		**5,33**	**1**
01	01	Composition, Extent, Vertical Division		
	Concept of a scalar field, gradient, total, advective and loval time derivative			
01	02	Temperature		
01	03	Atmospheric Pressure **Hydrostatics** balance between gravity and buoyancy – concept of pressure gradient force	**5,33**	**2**
01	04	Atmospheric Density	**5,33**	**3**
01	05	International Standard Atmosphere (ISA)		
01	06	Altimetry application of the hydrostatic balance		
02	**WIND**		**10,66**	**4 and 5**
02	01	Definition and measurement of wind		
02	02	The primary cause of wind **Dynamics** forces in rotational framework: pressure gradient force, Coriolis force, turbulent friction, radial acceleration by curved path		
02	04	Turbulence	**5,33**	**7**
02	05	Variation of wind with height		
02	06	Local winds		
02	07	(07 not used in the JAR list)		
02	08	Standing waves	**5,33**	**6**
02	03	The general global circulation		
03	**THERMODYNAMICS**		**5,33**	**8**
	Adiabatic compression and expansion (!not explicitly in JAR Learning objectives!)			
	Stability in connection to adiabatic processes (in JAR learning objectives under 01 02 03)		**5,33**	**9**
03	01	Humidity		
	Diabatic processes; solar and IR radiation, energy balance of the ground surface and daily cycles		**5,33**	**10**

04	**CLOUDS AND FOG**		**5,33**	**11**
04	01	Cloud formation and description		
04	02	Fog, Mist, Haze		
05	**PRECIPITATION**			
05	01	Development of precipitation		
05	02	Types of precipitation		
06	**AIRMASSES AND FRONTS**		**5,33**	**12**
06	01	Types of airmasses		
06	02	Fronts		
07	**PRESSURE SYSTEMS**			
07	01	Location of the principal pressure areas		
07	02	Anticyclone		
	Mid-latitudes cyclones and tropical cyclones		**5,33**	**13**
07	03	Non frontal depressions		
08	**CLIMATOLOGY**			
08	01 and 02	not in the JAR list		
08	03	Typical weather situations in the mid-latitudes		
08	04	Local seasonal weather and wind		
09	**FLIGHT HAZARDS**		**5,33**	**14**
09	01	Icing		
09	02	Turbulence		
09	03	Wind shear		
09	04	Thunderstorms		
09	05	(05 not used in the JAR list)		
09	06	Low and high level inversions		
09	07	(07 not used in the JAR list)		
09	08	Hazards in mountainous areas		
10	**METEOROLOGICAL INFORMATION**		**5,33**	**15**
10	01	Observation		
10	02	Weather charts		
10	03	Information for flight planning		