

# Blueprint for Instruction and Assessment



## Air Transportation

49.0100.00

Domain	Related Standards	Instructional Time
<b>Domain 1</b> Systems and Operations	<b>STANDARD 4.0</b> DEMONSTRATE AN UNDERSTANDING OF AIRFRAME AND POWERPLANT SYSTEMS <b>STANDARD 5.0</b> DEMONSTRATE AN UNDERSTANDING OF AEROSPACE NAVIGATIONAL SYSTEMS AND PROCEDURES <b>STANDARD 6.0</b> DEMONSTRATE AN UNDERSTANDING OF AIRPORT OPERATIONS AND MANAGEMENT <b>STANDARD 9.0</b> DEMONSTRATE FLIGHT PLANNING SKILLS	45-50%
<b>Domain 2</b> Fundamentals and Regulations	<b>STANDARD 2.0</b> DEMONSTRATE THE UNDERSTANDING OF FUNDAMENTALS OF FLIGHT <b>STANDARD 3.0</b> DEMONSTRATE AN UNDERSTANDING OF FEDERAL AVIATION REGULATIONS (FAR) AND OTHER REQUIREMENTS <b>STANDARD 7.0</b> DEMONSTRATE SAFETY IN AVIATION	30-35%
<b>Domain 3</b> Human Factors and Meteorology	<b>STANDARD 8.0</b> DEMONSTRATE AN UNDERSTANDING OF AVIATION METEOROLOGY <b>STANDARD 10.0</b> DEMONSTRATE AN UNDERSTANDING OF HUMAN FACTORS	10-15%
<b>Domain 4</b> History	<b>STANDARD 1.0</b> DEMONSTRATE AN UNDERSTANDING OF THE HISTORY AND GROWTH OF THE AEROSPACE INDUSTRY	5-10%

Content domains are bodies of knowledge, skills, or abilities to be taught or assessed. They are clustered as related to technical standards for instruction. The suggested percentage of instructional time is listed for each domain. This blueprint corresponds with the Technical Standards endorsed on March 27, 2014.

