

Blueprint for Instruction and Assessment

Air Transportation

49.0100.00



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

Content domains are bodies of knowledge, skills, or abilities to be taught and assessed. They illustrate the relationship among technical standards, instructional time, and student success on the Technical Skills Assessment. This blueprint corresponds with the technical standards endorsed on March 27, 2014.

