

Aeronautical Science (ASCI)

ASCI 516 Applications in Crew Resource Management 3 Credits (3,0)

Concepts of CRM in air carriers; supervision, accountability, role management, simulator/computer-based training; development of CRM research document.

Course Offered at: Daytona Beach, Worldwide, Asia

ASCI 599 Special Topics in Aeronautical Science 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in aeronautical science.

Course Offered at: Daytona Beach, Prescott, Worldwide

ASCI 602 The Air Transportation System 3 Credits (3,0)

Global air transportation system infrastructure. Human, technological, environmental, and operational aspects of air transportation. Impact on global economies, sustainability, and technological advancement.

Course Offered at: Daytona Beach, Prescott, Worldwide, Asia

ASCI 604 Human Factors in the Aviation/Aerospace Industry 3 Credits (3,0)

Human role in aviation/aerospace industries; unsafe acts, attitudes, errors, solutions; human behavior, limitations, engineering, reliability, stress, physiology.

Course Offered at: Daytona Beach, Worldwide, Asia

ASCI 645 Airport Operations and Management 3 Credits (3,0)

Management/operation of public use airports; airport systems, operations management, administrative management; topics include organization, airfield, terminal, financial management, capacity, future trends.

Course Offered at: Worldwide, Asia

ASCI 674 Project Management in Aviation/Aerospace 3 Credits (3,0)

Project management in aviation/aerospace; integration, scope, time, cost, quality, HR, communications, risk, procurement, stakeholders; project strategies, software utilization.

Course Offered at: Worldwide, Asia

ASCI 693 Current Research Problems in Aviation/Aerospace 3 Credits (3,0)

Applied research techniques; solving current aviation/aerospace problems with qualitative/quantitative data; strategic solutions for industry practitioners.

Course Offered at: Worldwide, Asia

ASCI 699 Special Topics in Aeronautical Science 1-6 Credit (1-6,0)

Individual, independent or directed studies of selected topics in aeronautical science.

Course Offered at: Daytona Beach, Prescott, Worldwide