

Aviation Maintenance (AMNT)

AMNT 601 Leadership in Global Aviation Maintenance Organizations 3 Credits (3,0)

Leadership principles in global aviation maintenance organizations. Evaluation and implementation of maintenance philosophy. Management of subordinate managers and supervisors through communication of organizational goals and standards.

Course Offered at: Worldwide, Asia

AMNT 605 Global Maintenance Resource Management 3 Credits (3,0)

Leadership in maintenance resource management (MRM), compliance with FAA and EASA guidelines. Focus on communication, decision-making, situational awareness, workload management, and teamwork to enhance safety.

Course Offered at: Worldwide, Asia

AMNT 609 Aircraft Maintenance Management 3 Credits (3,0)

Analysis of aircraft maintenance in commercial air carriers and general aviation. Focus on regulation, structure, inspection, reporting, prevention, and correction inspections. Case studies emphasized.

Course Offered at: Daytona Beach, Worldwide, Asia

AMNT 615 Strategic Management of Global Maintenance, Repair and Overhaul (MRO) Operations 3 Credits (3,0)

Strategic management of Maintenance, Repair, and Overhaul (MRO) operations in the global aviation industry. Focus on scheduled/unscheduled maintenance, cost analysis, trends, regulations, and compliance.

Course Offered at: Worldwide, Asia

AMNT 625 Trends and Challenges for Global Aviation Maintenance Organizations 3 Credits (3,0)

Examination of trends and challenges in global aviation maintenance. Topics include AI, cybersecurity, additive manufacturing, sustainability, drones as maintenance tools.

Course Offered at: Worldwide

AMNT 644 Integrated Logistics In Aviation Management 3 Credits (3,0)

Elements of modern integrated logistics systems in aviation. Topics include organizational structure, inventory management, warehousing, traffic management, international logistics, quality management, just-in-time systems, and computer software applications.

Course Offered at: Worldwide, Asia

AMNT 699 Special Topics in Aviation Maintenance 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in aviation maintenance.

Course Offered at: Daytona Beach, Prescott, Worldwide