



## **Module Specification**

# Management of International Aerospace Projects

Version: 2023-24, v2.0, 23 May 2023

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## Part 1: Information

**Module title:** Management of International Aerospace Projects

**Module code:** UMMC4A-10-M

**Level:** Level 7

**For implementation from:** 2023-24

**UWE credit rating:** 10

**ECTS credit rating:** 5

**Faculty:** Faculty of Business & Law

**Department:** FBL Dept of Business & Management

**Partner institutions:** None

**Delivery locations:** Not in use for Modules

**Field:** Operations and Information Management

**Module type:** Module

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** Not applicable

**Features:** Not applicable

**Educational aims:** The educational aims include:

To offer a theoretical and practical perspective on critical factors for successful management of international projects

To develop an awareness of specific characteristics and challenges associated with contemporary international aerospace projects

To accelerate the development of necessary operational, strategic and leadership skills for effective participation on and successful management of projects in the international aerospace context

**Outline syllabus:** The syllabus includes:

Theoretical perspectives:

An overview of key theories, concepts and models relevant to international project environments and management practice in this context: organisational behaviour concepts, complexity theory, unbounded systems thinking and multiple perspectives concept; concepts of knowledge management and collaborative learning;

Key concerns in managing international aerospace projects

Multicultural issues and professional diversity

Risk related to institutional and industrial environments; achieving an agreement about the key performance indicators for the project

Structure and style of communication – complexity of project communication system

Managerial and individual behaviour – project organisation, structure, performance and conflicts

Partnering, trust, cooperation and knowledge management

Politics, power, and information

Project evaluation and managerial decision making

International aerospace projects - critical evaluation of managerial and professional challenges associated with international aerospace projects throughout their life

cycle

Multiple perspective based project evaluation process – a holistic approach

Collaborative learning, networking and human resource management

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** Besides the taught part of the course, there is a wide range of case studies, examples and exercises to cover a variety of types of international aerospace projects and a variety of project stakeholders' views.

Students are encouraged to relate the knowledge gained throughout the course to their own working environment in a creative way, and to try to find competent solutions to the current problems in managing projects in their organisations.

Presentations of a number of industrial speakers are included in the programme to reinforce the practical application of the course material.

**Module Learning outcomes:** On successful completion of this module students will achieve the following learning outcomes.

**A1** An awareness and understanding of the key theories, concepts and models relevant to international project environments and management practice in this context

**A2** An ability to identify key managerial challenges related to international aerospace projects

**A3** An ability to evaluate, select and apply concepts, methods and management tools to problem solving and managerial decision making related to planning, leadership, evaluation, control of, and risk management and collaboration on international aerospace projects

**C1** Develop a skill to critically evaluate the dynamics of the external context as well as intricacies of various types of international projects in the aerospace industry, to examine the characteristics of a relevant client group / project stakeholder group and understand their objectives

**C2** Identify and evaluate criteria for the measurement of performance of international aerospace projects and understand critical success factors

**C3** use appropriate approaches to project risk analysis and risk management in an international context

**D1** Understand and apply methods of effective communication in multinational environments

**D2** Develop as 'reflective practitioner' (the assignment question requires some personal / critical reflection on experience with the chosen project)

**D3** Demonstrate the skills needed for an appropriate use of project management knowledge, methods, and techniques necessary for informed decision making in a variety of business situations within the international aerospace industry

**Hours to be allocated:** 100

**Contact hours:**

Independent study/self-guided study = 76 hours

Face-to-face learning = 24 hours

Total = 100

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

## **Part 4: Assessment**

**Assessment strategy:** Post-module assignment:

Individual assignment is designed to encourage reflection on the material covered in the course and the application of the body of knowledge to a real-life project situation. The assignment is based on the concept of project evaluation and integrates the major learning outcomes above. Students are required to demonstrate an ability to critically analyse the complexity of a specific international project situation, the management process and team behaviour associated with it, and to

recommend improvements or solutions based on the material covered in the course including theoretical concepts and 'best practice' guidelines.

**Assessment components:**

**Project (First Sit)**

Description: Project - maximum 3500 words

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: A1, A2, A3, C1, C2, C3, D1, D2, D3

**Project (Resit)**

Description: Project - maximum 3500 words

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: A1, A2, A3, C1, C2, C3, D1, D2, D3

**Part 5: Contributes towards**

This module contributes towards the following programmes of study: