



Course Descriptor
INTE305 Rapid Applications Development

Proposed Academic Year	2021/ 2022	Last Reviewed Academic Year	2020/2021
Course Code	INTE305	Course Title	Rapid Applications Development
Credit hours	3	Level of study	Undergraduate-Year Four
College / Centre	COBA	Department	MIFS
Co-requisites	None	Pre-requisites	INTE130

1. COURSE OUTLINE

[This course extends computer programming II, where students will further develop their programming skills to develop commercial applications in a robust manner. They will further develop their object-oriented programming skills to develop a large-scale application. They will also learn how to debug and handle execution profiler.

2. AIMS

[This course aims to extend Computer Programming III, where students respond to industry problems and develop applications and provide technical documentations.

3. LEARNING OUTCOMES, TEACHING, LEARNING ,ASSESSMENT METHODS , and Graduate Attributes Mapping

Learning Outcomes (Definitive)	Teaching and Learning methods (Indicative)	Assessment (Indicative)	Graduate Attributes Mapping
Upon successful completion of this course, students will be able to: 1. conduct a thorough user needs analysis, software requirement and produce written documents	Lectures and labs	In-class tests, quizzes, tasks analysis	Knowledge of a discipline. Commitment to national development and Omani ethical values. Innovative spirit.
2. Apply advance techniques in pattern designs, advance expression and queries	Lectures and labs	In-class tests, quizzes, tasks analysis	Knowledge of a discipline. Innovative spirit. Global insight
3. Demonstrate thorough analysis on advanced client & server-side programming skills.	Lectures and labs	In-class tests, quizzes, projects & prototypes	Knowledge of a discipline. Innovative spirit. Global insight
4. Analyze and apply the effect of the programming style and the modularity, the construction and the robustness of software development	Lectures and labs	In-class tests, quizzes, projects & prototypes	Knowledge of a discipline. Innovative spirit. Global insight

