Title: Bachelor of Computing Systems

FINAL

Version: 0.1

## ISCG7422: Multimedia Application Development

Course ISCG7422 Level: 7 Credits: 15 number:

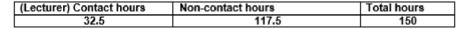
Main programme: BCS

Pre-requisites: For BCS: ISCG6422 or ISCG6241

For GDCMP: ICG6422 or ISCG6241

Co-requisites: None
Restrictions: ISCG7241
Compulsory/elective: Elective

Learning time: 150 hours



Level Descriptor: The student is able to carry out processes that

- require a command of highly specialised technical or scholastic and basic research skills across a major discipline
- involve the full range of procedures in a major discipline
- · are applied in complex, variable and specialised contexts

## requiring

- · knowledge of a major discipline with areas of specialisation in depth
- the analysis, transformation and evaluation of abstract data and concepts
- the creation of appropriate responses to resolve given or contextual abstract problems and applied
- · in planning, resourcing and managing processes
- · within broad parameters and functions
- with complete accountability for determining, achieving and evaluating personal and/or group outcomes.

Critically examine

Evaluate

Derive

Design Predict

Anticipate

Decide

Recognise

Course aim: To provide the students with knowledge of the issues pertaining to the design of Multimedia applications by developing a multimedia application for use in a commercial or education field

## Learning outcomes: The student will be able to:

|    | Learning outcomes  |
|----|--|
| 1. | Critically analyse commercially available multimedia products and their suitability for  |
|    | solving the business problem or requirements.  |
| 2. | Design and develop appropriate multimedia solutions for complex business or educational problems that require the use of advanced features of multimedia development products. |
| 3. | Critically analyse a user's needs and document appropriate solutions using current techniques.   |
| 4. | Design and implement an appropriate multimedia solution using two different authoring packages for delivery on CD ROM or DVD.  |



**2015 FINAL**