## Multimedia Development

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| *SMS Code* | IN614001 | *Directed Learning hours* | 60 |
| *Level* | 6 | *Workplace or Practical Learning hours* | 0 |
| *Credits* | 15 | *Self-Directed Learning hours* | 90 |
| Prerequisites | IN511001 | *Total Learning Hours* | 150 |
| *This course partially replaces IT212002*  *Name of other Programme: Bachelor of Information Technology (version 2)* | | | |

***Aims***

To introduce multimedia and hypermedia development. The course focuses on the creation of multimedia materials using current industry-relevant applications. Theoretical material includes both technical issues in multimedia and design principles for artefact development.

***Learning Outcomes***

At the successful completion of this course, students will be able to:

1. Use standard multimedia authoring applications to a high degree of competence.
2. Design multimedia products following sound aesthetic and human interface principles.
3. Demonstrate understanding of technical issues in multimedia design and deployment by accommodating hardware and infrastructure limitations.
4. Follow sound development processes to produce high quality multimedia products.

***Indicative Content***

* Web page and multimedia application design
* Image processing
* 2D keyframe and programmed animation
* Digital audio capture, editing and deployment
* Video capture, editing and deployment
* Multimedia application project work

***Assessment***

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| **Assessment Activity** | **Weighting** | **Learning Outcomes** |
| Projects | 40% | 1,2,3,4 |
| Portfolio | 10% | 3 |
| Assignment | 50% | 1,3 |

***Resources***

**Required:**