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| Module Title: | Financial Maths |
| Language of Instruction: | English |
| Credits: | 5 |
| NFQ Level: | 6 |
| Module Delivered In | 3 programme(s) |
| Teaching & Learning Strategies: | As well as traditional lectures students will undertake in-class exercises on material presented in class. Small group tutorials will encourage further problem solving and discussion. |
| Module Aim: | To provide students with mathematical techniques appropriate for computer systems management. |
| Learning Outcomes | |
| <i>On successful completion of this module the learner should be able to:</i> | |
| LO1 | Geometric Series, Compound Interest, Savings and Investments |
| LO2 | Loans and Mortgages, discounting, Annuities, Investment Appraisal |
| Pre-requisite learning | |
| Module Recommendations | |
| <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i> | |
| No recommendations listed | |
| Incompatible Modules | |
| <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i> | |
| No incompatible modules listed | |
| Co-requisite Modules | |
| No Co-requisite modules listed | |
| Requirements | |
| <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i> | |
| No requirements listed | |

Module Content & Assessment

Indicative Content

Financial Mathematics

geometric series, compound interest, savings and investments, loans and mortgages, discounting, annuity, investment appraisal.

| Assessment Breakdown | % |
|----------------------------------|--------|
| Continuous Assessment | 50.00% |
| End of Module Formal Examination | 50.00% |

Continuous Assessment

| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
|-----------------|------------------------|-------------------|------------|-----------------|
| Examination | written exam | 1 | 50.00 | n/a |

No Project

No Practical

End of Module Formal Examination

| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
|-----------------|------------------------|-------------------|------------|-----------------|
| Formal Exam | Written paper | 2 | 50.00 | End-of-Semester |

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

| Workload: Full Time | | |
|----------------------------|--------------------|----------------------------------------|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Lecture | 12 Weeks per Stage | 2.00 |
| Tutorial | 12 Weeks per Stage | 1.00 |
| Estimated Learner Hours | 12 Weeks per Stage | 7.42 |
| Total Hours | | 125.00 |

Module Delivered In

| Programme Code | Programme | Semester | Delivery |
|----------------|--------------------------------------------------------------------------------------------|----------|-----------|
| CW_KWCCD_B | Bachelor of Science (Honours) in Creative Computing and Digital Innovation | 4 | Mandatory |
| CW_KCCIT_B | Bachelor of Science (Honours) in Information Technology Management | 4 | Mandatory |
| CW_KCCSY_D | Bachelor of Science in Information Technology Management | 4 | Mandatory |