

# PROGRAMME REGULATIONS

## Programme Schedule

### Diploma in Applied Computer Systems Engineering

To be read in conjunction with the [Diploma Generic Regulations](#).

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#### 1. Programme Schedule

This schedule applied to the Diploma in Applied Computer Systems Engineering (DipACSE) (Level 6, 120 credits).

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#### 2. Programme Specific Admission

To be admitted to this programme, all applicants must meet the following requirements in addition to the requirements set out in the Diploma Generic Regulations:

- a) Have at least two years of work experience in the IT industry; or
- b) Have a relevant IT certification; or
- c) Can demonstrate competence equivalent to the above entry criteria but may be obtained through other appropriate qualifications or experience.

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#### 3. Discretionary/Special Admission

Applicants may be granted Discretionary or Special admission to the programme if they have:

- a) a relevant computing certificate at Level 4 or higher; or
- b) obtained an acceptable score in an aptitude test approved by the Programme Committee.

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#### 4. Selection Criteria

When the number of eligible applicants for admission exceeds the number of places available, the following selection criteria will be applied:

- a) they exceed the minimum admission requirements
- b) they have had industry experience using computers

- c) they demonstrate knowledge of and motivation towards computing (for example, have participated in other computing programmes, or have participated in a work experience programme involving use of computers);
- d) they have applied for a full time year.

Applicants who meet the maximum number of listed criteria will be the preferred candidates.

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## 5. Selection Process

Selection will be made by a subcommittee of the Programme Committee set up for the purpose and with the delegated authority of that committee to offer places to applicants.

Applicants may be required to attend an interview.

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## 6. Requirements for the Award of the Qualification

### 6.1 Diploma in Applied Computer Systems Engineering

To be awarded the Diploma in Applied Computing Systems Engineering, candidates shall have successfully completed at least 120 credits, with at least 72 credits from Level 6, from the courses listed in the tables below. The prerequisites for individual courses are shown.

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## 7. Course Details

Table 1: Schedule A - Compulsory

Course Number	Course Title	Credit	Pre-Requisites	Restrictions
<b>Level 5</b>				
ISCG5331	Client Operating System Environment	15		ISCG5311, ISCG5321
ISCG5332	Fundamentals of Network Infrastructure	15		
<b>Level 6</b>				
ISCG6330	Server Operating Systems	15	ISCG5331 or ISCG5311	
ISCG6332	Configuring Network Infrastructure	15	(ISCG5331 or ISCG5311) and ISCG5332	

**Table 2: Schedule B - Electives**

Course Number	Course Title	Credit	Pre-Requisites	Restrictions
<b>Level 5</b>				
ISCG5324	Communication and Problem Solving in an IT Network Environment	15	(ISCG5311 or ISCG5301) and (ISCG5322 or ISCG5302)	
ISCG5334	Communication and Problem Solving in an IT Network Environment	15	ISCG5331 or ISCG5311).	ISCG5324 and ISCG5304
ISCG5337	Introduction to Networking	15		
	Any Level 5 course approved by the Programme Committee	15		
<b>Level 6</b>				
ISCG6323	Network Planning and Design	15	ISCG6321 or ISCG6301	
ISCG6324	Network Directory Infrastructure	15	ISCG6323 or ISCG6304	
ISCG6325	Security for Client Server Networks	15	ISCG6323 or ISCG6304	
ISCG6331	Network Directory Services,	15	ISCG6330	
ISCG6334	Exchange Servers in Networks	15	(ISCG5311 and ISCG5322 or ISCG5302) or (ISCG6331 and ISCG6332)	ISCG6322
ISCG6333	Server Administration	15	ISCG6331 and ISCG6332	
ISCG6335	Advanced Networking 1	15		
ISCG6336	Advanced Networking 2	15	ISCG6335	
ISCG6337	Enterprise Server 1	15	ISCG6330	
ISCG6338	Enterprise Server 2	15	ISCG6337	
ISCG6339	Routing and Switching	15	ISCG5337	
ISCG6340	Advanced Internetworking	15	ISCG6339	
ISCG6341	Network Security	15	ISCG6339	
	Any Level 6 course approved by the Programme Committee	15		

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## 8. Assessment of Prior Learning

Assessment of prior learning is available in this programme.

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## 9. Assessment

### 9.1 Assessment Basis

Assessment for all courses is achievement based using an 11 point grading scale. Where a course contains a final examination, as part of its assessment a student must obtain a mark of at least 40% in that final examination in order to achieve a passing grade for that course.

### 9.2 Calculation of course grades

Grades for courses are calculated by the mathematical aggregation of weighted assessment marks. The following course grades shall be awarded to students who obtain the following marks:

**Table 4: Course Grades**

Grade	Percentage	Result
A+	90 – 100	Pass
A	85 – 89	Pass
A-	80 – 84	Pass
B+	75 – 79	Pass
B	70 – 74	Pass
B-	65 – 69	Pass
C+	60 – 64	Pass
C	55 – 59	Pass
C-	50 – 54	Pass
D	40 – 49	Fail
E	0 – 39	Fail

Students may be awarded one of the following grades for a course if they meet the criteria described.

**Table 5: Grade Criteria**

Grade	Meaning	Criteria
CR	Credit Recognition	The student has applied for and been awarded a credit recognition from another qualification
DEF	Deferred	The course result has been deferred
W	Withdrawn	If a student withdraws from a course after the 10% date of the course is completed and up to or at the 75% date of the course. No credits earned.

### 9.3 Restricted Passes

Students may be awarded a restricted pass for a course if marginal failure in a course is compensated by satisfactory attendance and satisfactory overall programme performance. No more than one restricted pass may be credited towards the Diploma.

## 9.4 Resit Provision

In exceptional circumstances not covered by Special Assessment Circumstances, a resit for final examination of no more than 2 courses from the DipACSE programme only may be approved by the curriculum/programme leader. This would however be subject to the following provisions:

- a) The maximum grade for a resit would be a "C-"
- b) Students wishing to resit must apply in writing to the curriculum/programme leader no later than 7 days after the original final exam results are made known.

## 9.5 Late Submission

Assignments submitted up to 72 hours late without Special Assessment Circumstances (SAC) approval, would be marked, subject to penalties, as follows:

- 10% of the marks deducted if submitted within 24 hours of the deadline
- 20% of the marks deducted if submitted after 24 hours and up to 48 hours of the deadline
- 30% of the marks deducted if submitted after 48 hours and up to 72 hours of the deadline.

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# 10. Transition Arrangements

## 10.1 Restriction Table

Course Number	Has a restriction of course
ISCG5321	ISCG5311
ISCG5322	ISCG5302
ISCG5324	ISCG5304
ISCG6321	ISCG6301
ISCG6322	ISCG6312
ISCG6323	ISCG6304
ISCG6324	ISCG6303
ISCG6325	ISCG6305

## 10.2 Modified Programme of Study

Students may have a modified programme of study as approved by the Programme Committee.

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# 11. Commencement

These regulations came into force in Semester 2, 2015.