National Advisory Committee on Computing Qualifications

Moderation Report

New Zealand Qualifications
in
Information and Communications Technology

May 2003

The modules moderated in this round were:

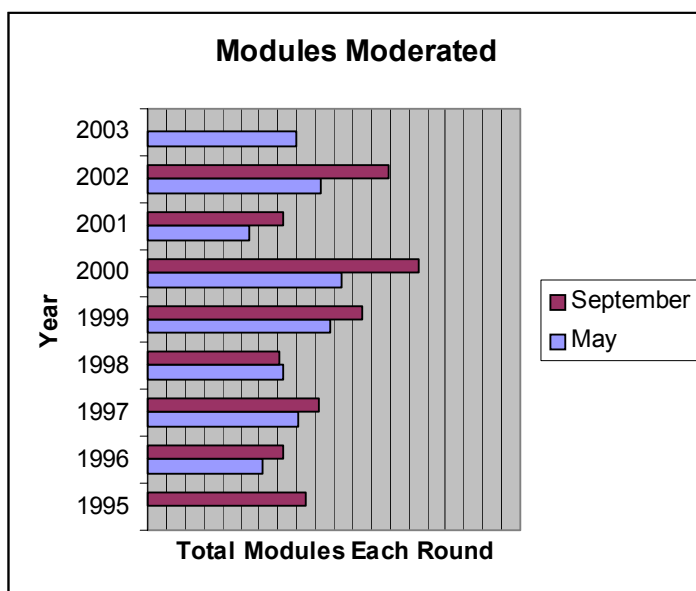| Module	Number	Moderator
AA500 (AA100)	2	Trevor Nesbit (Christchurch PIT)
AP330	4	Leonie Bridgeman (Western ITT)
BA600 (BA200)	1	Leonie Bridgeman (Western ITT)
BC600 (BC200)	4	Trevor Nesbit (Christchurch PIT)
BS310	4	Janne Ross (Christchurch PIT)
CA600 (CA200)	1	Jeff Simpson (Western ITT)
DB500 DB100)	13	Jeff Simpson (Western ITT)
DC600 (DC200)	5	Garry Roberton (Wintec)
DE600 (DE200)	2	Nurrul Sarkar (AUT)
DT500 (DT100)	13	Gerard Lovell (UNITEC)
ET600 (ET200)	13	Triona Rawlence (Nelson Marlborough IT)
HR700 (HR300)	1	Triona Rawlence (Nelson Marlborough IT)
IO600 (IO200)	2	Gerard Lovell (UNITEC)
PM600 (PM600)	6	Trevor Nesbit (Christchurch PIT)
PR51n (PR21n)	3	Trevor Nesbit (Christchurch PIT)
PR62n (PR22n)	1	Jeff Simpson (Western ITT)
SD700 (SD300)	1	Nurrul Sarkar (AUT)
SP591 (SP191)	2	Trevor Nesbit (Christchurch PIT)
ST320	2	Janne Ross (Christchurch PIT)
	80	

No material was received for the following modules; BS500, PC500, MW600 (new), AA700, AS700, and 00700.

Table 1 and figure 1 indicate the number of papers moderated for the March and August rounds since 1995.

Table 1 Total Modules Moderated

	1995	1996	1997	1998	1999	2000	2001	2002	2003
May		62	81	73	98	104	55	93	80
September	85	73	92	71	115	145	73	129	

Figure 1 Modules Moderated

Modules Moderated

Year (vertical axis): 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995

Total Modules Each Round (horizontal axis)

Legend:
- September
- May

In this round eighteen institutions submitted material, down one on the previous round.

Moderators stated the following suggested changes to the prescription:

AA500   Nil

AP330   Nil

BA600   Term EDP used in L03 is no longer appropriate. Change to EIS for Executive Information Systems; add in TPS for Transaction Processing Systems.

BC600   Nil

BS310   Nil

CA600   While this prescription forms the basis of today's computer architecture, things are different than stated e.g. "a commonly used microprocessor E.g. 8086." Such needs updating.

DB500   Only three institutes assessed topic 1 and then to less than 5%, not the stated 15%. Either reduce the suggested Assessment Percentage to 5%, or (better) shift it to DB700.

DC600   Nil

DE600   Nil

DT500   I think that the prescription is appropriate and that most polytechnic's understand its place in the overall structure of the programme.

ET600   A consideration of Treaty of Waitangi issues needs to be made mandatory rather than worth 10%. (Remember the 10% rule that means it can be left out with no repercussions? Seems some polys are utilising that). An IT professional in New Zealand cannot function in a professional manner without some understanding of the treaty and its repercussions / application in the business world.

HR700   Nil

IO600   There are no suggestions to change. Although the tools used to achieve the aim have changed over time, the prescription is okay.

PM600   PM600 is more about Project Management than Project Management Tools. Less than 20% is on software tools. Consider removing "Tools" from PM600's title. The tools part is not even mentioned in the Aim of Module.
          May need to look at the importance of formal estimation techniques – either spell out more clearly what is required or remove from prescription – could be a good basis for a conference paper to explore what is actually practiced in industry.
PR51n   The learning outcomes do not map to the 5 topics – at least not in order anyway – this needs to be fixed up.
PR62n   Nil but this module was being used for OO programming. A 14 credit OO600 should be considered.
SD700   Nil
SP591   none
ST320   Nil

The above will be taken into consideration by the NACCQ Curriculum & Quality Working Group for the next edition of the BLUEBOOK due for release in 2005.

While most polytechnics are sending the required material, it must be emphasized that not only are assessments required, but also the marking schedules plus the course outline and assessment schedule.

For each paper submitted the moderator's pink Polytechnic Form is returned along with a copy of the moderator's yellow Summary Report Form. Copies of the latter are available for modules that may be of interest to a polytechnic but were not submitted. About half of the submissions used the new nomenclature.

The Assessment Schedule for 2001 to 2005 includes all of the modules included in the 9th edition of the "*BLUEBOOK*" and the new numbering system.

This is the tenth year that this moderation process has been running and the records reveal that 337 modules have been moderated involving a total of 1653 submissions. Table 2 shows the moderation schedule for August 2003.

Table 2 Moderation Round 14 August 2003

Level 3	Level 4	Level 5	Level 6	Level 7
HS310		AM500	AA600	DC700
AP340		BA500	AE610	IS700,
BS320		HF500	EP600	MA700
SD340		OS500	FS600	PR740
		PD500	IN600	SP700
		PP590	MW610	
		PR50n	PR61n	
			SA600	
			SC600	
			SS600	

Jeff Simpson j.simpson@witt.ac.nz
National Moderator

NATIONAL ADVISORY COMMITTEE ON COMPUTING QUALIFICATIONS

CIC & Diploma
External Moderation
Guidelines

All modules will be covered in a three yearly cycle as shown in the moderation schedule attached.

It is the responsibility of each polytechnic to get any module they are undertaking for CIC/Diploma that is not covered by this list, moderated independently by another polytechnic.

What Must Be Sent For Moderation (except PJ700)

For each module:
    1. Module Outline
        This is what is usually given out to students at the
          commencement of the module.
        It must include at least:
            - Module Name and Code
            - Number of class contact hours (supervised learning)
    2. Assessment Schedule
          (This may be part of the Module Outline)
        It must show:
            - How many assessments there are
            - How a pass and a merit pass are obtained
        For each assessment:
            - What is going to be assessed
            - Type of assessment (Test, Case Study, etc.)
            - Weighting
    3. A Copy of All Assessments
        The actual assessments as given to the student
        The number and numbering of these assessments must match
          the Assessment Schedule.
    4. Marking Schedules
        Model answers (where appropriate)
        A breakdown of Criteria Accessed

For PJ700 PROJECT

Send Module Outline, Assessment Schedule, Marking Schedule (as
      outlined above),
plus other material which shows:- How a project is selected then approved
                        How Project Proposals are assessed
                        How projects are controlled
                        How milestones are assessed
                        How the final projects are assessed.

Appendix A   CIC & Diploma Moderation   Schedule   2001-2005

MAR 01	AUG 01	MAR 02	AUG 02	MAR 03	AUG 03	MAR 04	AUG 04	MAR 05	AUG 05
IC2-10	IC1-20	IC2-20	IC1-30	AP330	HS310	AP310	HS320	AP320	HS330
IC2-50	IC2-60	IC2-70	IC2-80	BS310	AP340	AP350	AP360	AP370	AP380
IC3-25	IC3-30	IC3-40	IC3-60	ST320	BS320	BS325	BS230	BS340	BS260
IC4-10	IC5-20	IC4-20	IC5-30		SD340	SD310	EC320	SD320	EC330
		IC6-20							
ID100	AC100	BC100	DC100	AA500	AM500	ID500	AC500	BC500	DC500
NM100	IP100	EL100	IN100	BS500	BA500	NM500	IP500	EL500	IN500
PR130	OM100	EP100	NC100	DB500	HF500	OO500	OM500	EP500	NC500
SF100	SP100	MB100	PP11n	DT500	OS500	PR530	SP500	MB500	PP51n
SP192	SP110	OO100	SO100	PC500	PD500	SF400	SP510	PP400	SO500
US100	ST100	PP100	SP190	PR51n	PP590	SP592	ST500	PP490	SP590
		SP120	WX100	SP591	PR50n	US500	MA500	SP520	WX500
BA220	AP200	DA200	AE200	BA600	AA600	BA620	AP600	DA600	AE600
DB200	EX200	DB220	BA210	BC600	AE610	DB600	EX600	DB620	BA610
DE210	HD200	HS200	FG200	CA600	EP600	DE610	HD600	HS600	FG600
DG200	IN210	MP200	MA200	DC600	FS600	DG600	HM600	MP600	MA600
IG200	NM200	NE200	OS200	DE600	IN600	IG600	IN610	NE600	OS600
PS200	PR25n	NM21n	OS25n	ET600	MW610	NM650	NM600	NM61n	OS65n
SA21n	QA200	OS210	PR20n	IO600	PR61n	PS600	OO600	OS610	PR60n
SD200	RA200	PR230	PY200	MW600	SA600	SA61n	PR65n	PR630	PY600
SP200	US200	SI200	SP210	PM600	SC600	SD600	QA600	SI600	SP610
		TS200	TR200	PR62n	SS600	SP600	RA600	TS600	TR600
CA300	DB300	BA300	EC310	AA700	DC700	CA700	DB700	BA700	EC710
EP300	DM300	GW300	NE300	AS700	IS700	FG70n	DM700	GW700	NE700
FG30n	EC300	PR30n	PR330	HR700	MA700	IS710	EC700	PR70n	PR730
IS310	OS310	PR35n	SA300	OO700	PR740	**PJ700**	PR76n	PR75n	SA700
PJ300	SI300	TR300	SR300	SD700	SP700			TR700	SR700

Due 14th March (or 14th August) at NACCQ, Box 11-050, Hillcrest, Hamilton.