

<b>Module Code:</b>	NUR415
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<b>Module Title:</b>	Countdown to Numeracy in Nursing
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<b>Level:</b>	4	<b>Credit Value:</b>	20
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<b>Cost Centre(s):</b>	GANG	<u>JACS3</u> <b>code:</b>	B700
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<b>School:</b>	Social & Life Sciences	<b>Module Leader:</b>	Angela Williams
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Scheduled learning and teaching hours	36 hrs
Guided independent study	164 hrs
Placement	0 hrs
<b>Module duration (total hours)</b>	<b>200 hrs</b>

<b>Programme(s) in which to be offered (not including exit awards)</b>	Core	Option
Stand-alone module, to be attached to BN (Hons) Nursing for QA and assessment purposes.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Pre-requisites</b>
None

**Office use only**

Initial approval: 01/11/2018

Version no:1

With effect from: [Click or tap to enter a date.](#)

Date and details of revision:

Version no:

**Module Aims**

- To prepare students for studying at HE level
- To support learners preparing and planning their studies for BN (Hons) nursing programme.
- To display problem solving skills incorporating safe and effective professional communication.
- To identify the importance of numeracy within nursing.

**Intended Learning Outcomes**

## Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Examine the use of numeracy information from a variety of sources	KS3	KS4
		KS5	KS6
		KS9	KS10
2	Illustrate the importance of numeracy skills within nursing	KS10	KS8
		KS5	KS9
3	Adopt strategies to develop numeracy and drug calculation skills.	KS2	KS3
		KS8	KS9
		KS10	
4	To manually compute and calculate basic numerical calculations and cross check with a calculator	KS1	KS3
		KS4	KS9
		KS10	

**Transferable skills and other attributes**

- Analysis, evaluation and problem solving
- Numeracy skills
- Literature searches directed towards appropriate drug calculations website
- Drug calculation skills
- Planning, time management and organisational skills
- Team working and working collaboratively

**Derogations**

None

**Assessment:**

Indicative Assessment Tasks:

Assessment One (Examination 100%): Students will prepare and undertake a one-hour examination to demonstrate competency with numeracy skills that will be recorded as a pass/fail (pass mark set at 40%).

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1,2,3,4	In-class test	100%	One hour	N/A

**Learning and Teaching Strategies:**

The module will be delivered using an interactive, reflective approach drawing upon the experience of participants. The strategies adopted will include:

- formal lectures, seminars, student/group discussion and presentations, individual and group tasks;
- ICT skills building for academic study and work-based practice;
- activities to encourage numeracy and drug calculation skills.

**Syllabus outline:**

Exploring basic mathematical skills  
Exploring numeracy ability – requirements for nursing.  
Conversions for nursing.  
Strategies to support numeracy skill improvement  
Importance of patient safety  
Using ICT and e-based tools and resources to support numeracy skills  
Setting personal development targets;  
Organising and planning own study

## Indicative Bibliography:

### Essential reading

Gatford, J and Phillips, N. (2016) *Nursing Calculations* London: Elsevier

Nursing and Midwifery Council (2015), *The Code professional standards of practice and behaviour for nurses and midwives*.

<https://www.nmc.org.uk/globalassets/sitedocuments/nmc-publications/nmc-code.pdf>

Nursing and Midwifery Council (2016), *Student Guidance*

<https://www.nmc.org.uk/education/becoming-a-nurse-or-midwife/when-studying-to-be-a-nurse-or-midwife/>

Rogers, K and Scott, W. (2011) *Nurses! Test Yourself in Essential Calculation Skills* Maidenhead: Open University Press

Starkings, S. and Krause, L. (2015), *Passing Calculation Tests for Nursing Students*. (3rd ed.) London: Sage

### Other indicative reading

For internet tutorial access: -

<http://www.dosagehelp.com/>

<http://testandcalc.com/quiz/index.asp>

<http://nursing.flinders.edu.au/students/studyaids/drugcalculations/index.php>