Nursing Numeracy – Level 2

	Level 2 – students research at the level of a closed enquiry and require some structure / guidance	Golbeck (2005) aspects of Basic, Computational, Analytical and Statistical Numeracy
Students embark on inquiry and so determine a need for knowledge / understanding	Responds to questions / tasks required by and implicit in a closed inquiry	Students will interview patients regarding their medications.

1 |
| Students find / generate needed informational data using appropriate methodology | Collect and record required information/ data using a prescribed methodology from prescribed sources in which the information / data is not clearly evident | Students will use the information from the patient interviews and the inpatient medication charts to compile a table of 5 different medications (table outline will be provided).

2 |
| Students critically evaluate informational data and the process to find / generate this information / data | Evaluate information / data and the inquiry process using prescribed criteria | Students will evaluate the tabulated data to determine which numerical operation is required for administering the drugs to the interviewed patients.
3 |
| Students organise information collected / generated | Organise information using a recommended structure and process | Students will organise the data from the table to identify which numerical operation is most common and which is least common.
4 |
| Students synthesize and analyse and apply new knowledge | Synthesize and analyse information / data to reorganise existing knowledge in standard formats. Ask relevant researchable questions. | Students will use knowledge gained from their table to conduct a numeracy audit within 5 members of their immediate social network - to determine if numerical operations are similar for other settings.
5 |
| Students communicate knowledge and the processes used to generate it, with an awareness of ethical social and cultural issues | Use some discipline specific language and prescribed genre to demonstrate self selected knowledge and understanding from a stated perspective and for a specific audience | Students will describe the impact of drug calculation errors on the patient population from a number of pre-selected journal articles.

6 |