

Math for Health Professionals (5cr)- HMath 100 DE<sub>3538</sub> Work on CRTeacher2 & MySVC e-mail Summer'16

Teacher: Zoe Grimshaw. All communication via E-mail-at: [zoe.grimshaw@skagit.edu](mailto:zoe.grimshaw@skagit.edu) Office hours by email appointment. Web based - Skills Class, for nursing students, to calculate medication dosages, % changes and intravenous flow rates. Includes conversions using metric, household & apothecary scales, percentages & scientific notation. There will be 2 [15% ea.] **On Campus Proctored Tests in this class.** If you miss a **Test** you have one calendar week to make it up or receive a grade of "0". There will be 5[10% ea.] On-line Chapter Quizzes during the quarter. **Quizzes can't be made-up unless arrangements are made in person or by e-mail message [10% late penalty per week max of 1 without documentation of need].** On-Line homework tracked on Moodle will be 20% of the grade. With a grade of C (73%) or higher, this is a prerequisite to entrance into the SVC Health Occupations programs, as such students are expected to act in a professional manner. During Quizzes please silence your cell phones, beepers, pagers, radio's etc., you can quietly listen to mp3s. **Prerequisite:** MATH 96 with a grade of C or higher, or equivalent math placement score. This class uses 2 computer sites; **MySVC g-mail & CRTeacher2.** CRTeacher2 [included in registration fee] is used for online testing, online graded homework and practice problems, handouts, Panopto Videos, & grade reporting. MySVC g-mail is used for communication, forwarding of Lecture Class notes, & replies to questions.

**Required Supplies: Book [paper or e] + 2-line Scientific Calculator:** Paper Book: Medical Dosage Calculations 10<sup>th</sup> or 11<sup>th</sup> Edition By: Olsen, Giangrasso, Shrimpton, Dillon ISBN[11th Ed] 0-13-394071-3 OR e-book from coursesmart + **2-line + Scientific Calculator Required** {TI-30XIIS recommended}. The book store has Paper books; rental books, & Calculators.

<b>GRADES:</b> % of pts.	100% - 93% A	92% - 90% A-	The student will review their grades at least 2 times during the quarter. It is the students responsibility to arrange make-up tests
	89% - 87% B+	86% - 83% B	No retakes of tests. Homework assignments may be retaken.
	79% - 77% C+	<b>76% - 73% C</b>	Maximum of One Make-up per Student w/o Note.
	69% - 66% D+	72% - 70% C-	
		65% - 60% D	
		Below 60% E	

**TENTATIVE CLASS SCHEDULE \* 8 Week Condensed Course**

**Midterm Test** Tuesday 7/26 from **1-3 pm** Mt.V Rm L-330 or Wednesday 7/27 from **6 - 8pm** Whid Rm A- 227

**Final Test** Tuesday 8/23 from **1-4pm** Mt.V Rm F-112 or Wednesday 8/25 from **6 - 9pm** Whid Room A- 227

Week 1 - (July 7 - July 11)	<b>Pre-Test;</b> Chapter 1, Chapter 2, Abbreviations, Chapter 3, Household Units, Apothecary Units	
Week 2 - (July 12 - July 18)	Chapter 4, Chapter 5; Percent Change	<b>Quiz 1 Ch. 1 -2 Due July 18</b>
Week 3 - (July 19 - July 25)	Chapter 6; Chapter 7;	<b>Quiz 2 Ch. 3 -4 Due July 25</b>
Week 4 - (July 26 - Aug 1)		<b>Midterm Test CRTeacher Ch. 1 - 5+Abbreviations, Conversions, %change,</b>
Week 5 - (Aug 2 - Aug 8)	Chapter 8; Chapter 9;	<b>Quiz 3 Ch. 6 -7 Due Aug 8</b>
Week 6 - (Aug 9 - Aug 15)	Chapter 10;	<b>Quiz 4 Ch. 8 - 9 Due Aug 15</b>
Week 7 - (Aug 16 - Aug 22)	Chapter 11;	<b>Quiz 5 Ch. 10 - 11 Due Aug 22</b>
Week 8 - (Aug 23 -Aug 27)	Chapter 12; Practice Tests;	<b>Final Test CRTeacher Ch.6 - 12 + Math Review questions</b>

The usual work pattern will be to read the textbook sections for the chapter, do the online homework exercises of these sections before you take the Chapter Quiz, note the problem # of the questions you had trouble with and e-mail me these questions Skim (10 min. per section max) over the sections for the next week. Homework will be graded online, not collected. For full credit note the Homework, Quiz & Test due dates. Homework Questions will be replied to & posted as Class Notes. Each Graded computer assignment from CRTeacher2 will have a value of ~0.33% of a grade point. There are about 60 Graded Homework assignments, altogether worth 20% of your grade. They will be recorded in CRTeacher2, multiple attempts are allowed on most, the best grade is recorded and they should be finished before their Chapter Exam and fully corrected by the Final Exam. It is expected that Class work (reading~5hours per week) + Homework will take you about 15 hours per week. This is the expectation for all college paced 5 credit Summer Classes. The homework includes practice for 4~7 hours per week with flash cards or on the computer practicing & memorizing the abbreviations and conversion units used in the nursing program. Communications through MySVC g-mail. All students are expected to behave in a professional manner. Students are responsible to abide by the student rights and responsibilities listed in the current Student Handbook. Please **no audible cell phones** or pagers during the in class test. There will be **Free Math Labs** for tutoring help, times will be announced.

**Course Objectives:**

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| a. Review of Decimals, Percents, and Proportions   | b. Introduction of Medical abbreviations                     |
| c. Introduction of Medical Equivalents             | d. Metric System of Measurement for solids, liquids & length |
| e. Apothecary and Household Systems of Measurement | f. Converting amounts from one system to another             |
| g. Measuring Oral Medication                       | h. Computing dosages from Vials, Ampules, & Powders.         |
| i. Rate of Flow and time for Infusions             | j. Pediatric Dosages by weight and B.S.A.                    |

**Gen Ed Learning Values & Outcomes:**

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| 2. Critical Thinking - 2.1 Identify and express concepts, terms and facts related to a specific discipline.      | 8.3 Interpret information and reasoning expressed mathematically (for example charts, formulas etc)  |
| 2.2 Analyze issues and develop questions within a discipline.  | 10. Technology - 10.3 Use technology appropriate to the context and task to effectively retrieve and manage information, solve problems, and facilitate communication. |
| 8. Mathematical Reasoning - 8.2 Correctly apply logical reasoning and mathematical principles to solve problems. |  |

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Information to log-in to the computer sites you need access to: [MySVC](#) g-mail - CRTeacher2,

**1<sup>st</sup> Computer Site** [www.skagit.edu/](http://www.skagit.edu/) logon information for: **SVC computers**, **CRTeacher2** and **FREE mySVC e-mail:**

**Your user name** (for SVC, mySVC & CRTeacher2): 1<sup>st</sup> initial, last name, last 4 of SID [Student *not social*

Identification Number] For ex: Name: John Smith SID: 835-22-1234 The username would be: **jsmith1234**

**Your password** is created by you on your 1<sup>st</sup> system log-in. See <https://secure.skagit.edu/netpass.asp> pin; B-Day = MMDDYY

You may access your free mysvc E-mail account [same user name and password] from off campus by going to

[mail.mysvc.skagit.edu](mailto:mail.mysvc.skagit.edu) **Address:jsmith1234@mysvc.skagit.edu**

For course work go to: <http://www.crteacher2.com> **Create a new user account using your mySVC email address & password as your user name & password. Then search CRTeacher for the course name and enter the course key [One time enrollment ]**

Course Name: **HMath100DE 2016 Summer** **By GRIMSHAW** **KEY: 1003538B671**

After enrolling, links to your courses will be available in the *My courses* block. **HM100 Summer 16** at <http://www.crteacher2.com>

Browser Please use Chrome or *FireFox* with a check that Quick Time, Adobe Reader, Adobe Flash, and Java are all current,

and you have allowed cookies and pop-ups for the CRTeacher2 site. Free Software for use on you computer or tablet: Skagit Valley College provides licensing of the full Microsoft Office Software to all students. Information for this program is found at

[http://www.skagit.edu/images/MySVC\\_Office\\_Guide.pdf](http://www.skagit.edu/images/MySVC_Office_Guide.pdf). Your accounts will be created when you have finished registration, and you

will receive an email from Skagit Valley College - Computer Information Systems This email will provide login details.

Realize that anytime you are installing or upgrading software, there is a chance that it may corrupt the current operating system, and may require the operating system and/or other programs to be reinstalled. This could result in a loss of data.

Students must assume all responsibility for possible losses. Contact IT for help

**Academic Honor Code:** All students of Skagit Valley College are responsible for knowing and adhering to the Academic

Honor Code of this institution found at <http://www.skagit.edu/honorcode>. Violations of this code include: cheating,

plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct are reported to the student conduct officer. The Code of Student Conduct may be found at

<http://www.skagit.edu/conduct> and the Policy on Student Grievances can be found at <http://www.skagit.edu/grievance> .

WAC 132D-120-080. Disciplinary decisions may be appealed via the disciplinary appeals process described in the Code of Student Conduct, WAC 132D-120-230. The Skagit Valley College policy on plagiarism can be seen online at

<http://www.skagit.edu/plagiarism>.

**CLASSROOM ENVIRONMENT:** No one has the right to interfere with the learning process in the classroom. If you carry **personal electronic devices** (pager, cell phone, for example), please silence them while you are in class. Emergency/personnel may be exempted from this rule (See your instructor.) **EXTRA CREDIT:** Extra credit is given at the instructor's discretion and involves opportunities available to all students in the class. Usually limited to Bonus Questions on graded Quizzes. **FINAL COURSE GRADES:** Grades are unofficial until processed by Registration. Students are strongly recommended to keep all graded work/tests until they have verified the accuracy of the final grade for this course on their transcripts. **INCOMPLETE GRADES:** Incomplete grades will generally not be given; however, life can intervene, so if you feel you have adequate documented justification for an incomplete grade please contact me before the last week of the quarter and we can discuss the options. Your instructor will set up an Incomplete Contract only when there is a documented emergency such as a serious illness, accident, or birth or death in the nuclear family Also please understand that incomplete grades are given at the discretion of the instructor. **WITHDRAWAL: Students can drop without a "W" online through the 5th day of the quarter,** The last day to partially withdraw from classes is 8/21. Complete withdraws from all Summer Quarter classes may be processed up until 3pm on the last day of the quarter, 8/28.. **GUESTS:** Guests and children are not allowed in the classroom without prior approval from your instructor.

**STUDENT WITH SPECIAL NEEDS:** SVC and your instructor are committed to making every effort to meet students' needs. If you are a student with a documented disability, please contact Disabled Student Services in the Counseling Center to arrange accommodations. Or call the Counseling office at 360-416-7654 [Mt. V] or Julie Kunz at 679-5351 [Whidbey]- and make an appointment to request access services. -thanks

**EMERGENCIES AND WEATHER: Listen to radio and TV stations for SVC emergency and weather**

**announcements:** In Anacortes, KLKI 1340 AM; in Bellingham KPUG1170 AM, KGMI 790 AM, KISM 92.9 FM, KAFE 104.3 FM, KVOS-TV Ch. 12; in Mt. Vernon KBRC 1430 AM, KAPS 660 AM, KSVR 91.7 FM (SVC radio station); and in Seattle KIRO710 AM, KOMO 1000 AM. KIRO-TV CH. 7, KOMO-TV Ch. 4. Or visit the SVC website at [www.skagit.edu](http://www.skagit.edu).

If class is canceled, students are expected to check their MySVC e-mail for assignments & other course work.