

## ES302 Quiz 1 Study Guide – Spring 2023

**Online Quiz 1:** Thursday April 27, 2023; Canvas drop-in between 8 AM and 11 PM; Open Book, 1 hour time limit once quiz is started, quiz answers may only be submitted once.

### RECOMMENDED STUDY TECHNIQUES

- 1) Review the class notes and learning resources, use the key words below as a glossary check list of terms and concepts.
- 2) Use the concepts below as a guide to help you focus on your study preparation
- 3) review the lab exercise answer keys
- 4) go back over the labs and make sure you can do the tricks / skills
- 5) review some of the important figures and equations in your text
- 6) Organize your unit conversion sheets, create handy reference equation sheets, organize your “open book” resources so that you can quickly refer to them in a timed quiz situation.

### QUIZ 1 STUDY RESOURCES

#### *Class Notes:*

AEG Jahn’s Lecture Notes [https://people.wou.edu/~taylors/g302/Summary\\_Notes\\_AEG\\_Jahns\\_Lecture\\_April\\_2023.doc](https://people.wou.edu/~taylors/g302/Summary_Notes_AEG_Jahns_Lecture_April_2023.doc)

Introductory Math and Algebra Review <https://people.wou.edu/~taylors/g302/mathrev.pdf>

Intro to Unit Conversion [https://people.wou.edu/~taylors/g302/units\\_conversion\\_rules\\_schoenfeld.pdf](https://people.wou.edu/~taylors/g302/units_conversion_rules_schoenfeld.pdf)

#### *Chapter Readings:*

Text Chapter 1 Solving Geologic Problems <https://people.wou.edu/~taylors/g302/waltham1.pdf>

Introduction to Geologic Thinking [https://people.wou.edu/~taylors/g302/AGI\\_Lab\\_Manual\\_Intro\\_Methods.pdf](https://people.wou.edu/~taylors/g302/AGI_Lab_Manual_Intro_Methods.pdf)

OSU/Water Abstracts [https://people.wou.edu/~taylors/g302/OSU\\_Water\\_Research\\_2023AbstractBookFinal.pdf](https://people.wou.edu/~taylors/g302/OSU_Water_Research_2023AbstractBookFinal.pdf)

#### *PowerPoint Slide Shows:*

AEG Jahns Lecture [https://people.wou.edu/~taylors/g302/Cronin\\_Jahns\\_Lecture\\_Geo\\_Careers\\_April6\\_2023.pptx](https://people.wou.edu/~taylors/g302/Cronin_Jahns_Lecture_Geo_Careers_April6_2023.pptx)

#### *Video Resources:*

How to Solve Quantitative Problems <https://www.youtube.com/watch?v=YocWuzi4JhY>

Unit Conversions the Easy Way <https://www.youtube.com/watch?v=HRe1mire4Gc>

Intro to Topo Maps <https://www.youtube.com/watch?v=zqPMYGDxCr0>

#### *Conversion Tables / Resources:*

Unit Conversion Tables / Reference <https://people.wou.edu/~taylors/g302/convtab2.pdf>

Algebra-Trig Formula Reference <https://people.wou.edu/~taylors/g302/formulas.pdf>

#### *Lab Answer Keys:*

Task 2-1 Monmouth Quad Topo

[https://people.wou.edu/~taylors/g302/Key\\_Monmouth\\_Quad\\_Exercise\\_Intro\\_Topo\\_Maps.pdf](https://people.wou.edu/~taylors/g302/Key_Monmouth_Quad_Exercise_Intro_Topo_Maps.pdf)

Task 2-2 Unit Algebra / Conversions [https://people.wou.edu/~taylors/g302/key\\_unit\\_algebra.pdf](https://people.wou.edu/~taylors/g302/key_unit_algebra.pdf)

Task 2-5 Waltham Chapter 1 <https://people.wou.edu/~taylors/g302/hw1key.pdf>

RECOMMENDED: Make sure to complete all of your homework from weeks 1, 2 and 3 before taking Quiz 1.