Overview

Welcome to your TEL Library online course, Quantitative Literacy 1! This course requirements document will guide you through the assignments necessary to complete this course. In general, to earn credit for your TEL Library course, you must:

- Complete each lesson’s Check Your Knowledge exercise
- Submit all Evidence assignments and take each Module Quiz
- Take Exam 1 and Exam 2, utilizing a proctoring service
- Achieve a total average score of 70% or better across the learning activities listed above.

Before diving into your course’s assignments, let’s go over the different types of assignments you will find in a TEL Library course.

Check Your Knowledge

Each lesson you complete will typically contain a Check Your Knowledge exercise designed to help you digest the key topics of a lesson. Students have unlimited opportunities to take these exercises, but earn participation points the first time the exercise is completed.

Module Quiz

Each module you complete will typically contain a Module Quiz. The Module Quiz contains 20-35 multiple choice questions covering the module’s content. Students will only be able to take each quiz once.

Module Practice and Evidence

These assignments are written assignments that asks students to do a deeper dive on a module topic.
Exams

Each course contains two exams containing an average of 50-60 multiple choice questions apiece. To earn credit for taking these exams, students must utilize a proctoring service.

Getting Started

Each module below is listed with its associated assignments.

Module 1: Number Sense: Part 1

Graded Assignments

- Module 1 Quiz
- Module 1 Evidence

Participation Assignments

- Check Your Knowledge: Intro to Number Sense
- Check Your Knowledge: Estimation
- Check Your Knowledge: GCF and LCM
- Check Your Knowledge: Fractions: Part 1
- Check Your Knowledge: Fractions: Part 2
- Check Your Knowledge: Applications: Visually Modeling Fractions

Module 2: Number Sense: Part 2

Graded Assignments

- Module 2 Quiz
- Module 2 Evidence

Participation Assignments

- Check Your Knowledge: Decimals
Check Your Knowledge: Ratios and Proportions
Check Your Knowledge: Rational Numbers
Check Your Knowledge: Percent Applications
Check Your Knowledge: Application: Mental Percents

Module 3: Algebra: Part 1

Graded Assignments

Module 3 Quiz
Module 3 Evidence

Participation Assignments

Check Your Knowledge: Algebraic Expressions
Check Your Knowledge: Solving Equations
Check Your Knowledge: Solving Inequalities
Check Your Knowledge: Coordinate Plane
Check Your Knowledge: Slope and Lines
Check Your Knowledge: Application: Word Problems

Module 4: Algebra: Part 2

Graded Assignments

Module 4 Quiz
Module 4 Evidence

Participation Assignments

Check Your Knowledge: Relations and Functions
Check Your Knowledge: System of Equations: Graphs and Substitution
Check Your Knowledge: Systems of Equations Elimination and General Strategy
Check Your Knowledge: Exponential and Logarithmic Graphs
Check Your Knowledge: Application: Interest, Growth, and Decay

Module 5: Geometry

Graded Assignments

- Module 5 Quiz
- Module 5 Evidence

Exam

- Exam 1

Participation Assignments

- Check Your Knowledge: Measurement and Conversions: Part 1
- Check Your Knowledge: Measurement and Conversions: Part 2
- Check Your Knowledge: 2-D Shapes
- Check Your Knowledge: 3-D Shapes
- Check Your Knowledge: Composite Figures
- Check Your Knowledge: Application: Scale and Maps

Module 6: Visual Modeling

Graded Assignments

- Module 6 Quiz
- Module 6 Evidence

Participation Assignments

- Check Your Knowledge: Bar Graphs
- Check Your Knowledge: Line Graphs and Scatterplots
- Check Your Knowledge: Pie Graph
- Check Your Knowledge: Frequency Tables and Histograms
- Check Your Knowledge: Comparing Visual Models
Module 7: Data Analysis: Part 1

**Graded Assignments**
- Module 7 Quiz
- Module 7 Evidence

**Participation Assignments**
- Check Your Knowledge: What is Statistics?
- Check Your Knowledge: Data and Samples
- Check Your Knowledge: Experimental Design
- Check Your Knowledge: Organizing Data with Frequency Tables
- Check Your Knowledge: Five Number Summary and Percentiles
- Check Your Knowledge: Measures of Center and Shape

Module 8: Data Analysis: Part 2

**Graded Assignments**
- Module 8 Quiz
- Module 8 Evidence

**Participation Assignments**
- Check Your Knowledge: Measures of Spread
- Check Your Knowledge: Normal Distribution and Z-Scores
- Check Your Knowledge: Linear Equations
- Check Your Knowledge: Scatterplots and Lines of Best Fit
Module 9: Probability By Counting

Graded Assignments

Module 9 Quiz
Module 9 Evidence

Participation Assignments

Check Your Knowledge: Simple Probability
Check Your Knowledge: Independent and Dependent Events
Check Your Knowledge: Factorials
Check Your Knowledge: Permutations
Check Your Knowledge: Combinations
Check Your Knowledge: Application: Understanding Everyday Probability

Module 10: Probability By Calculation

Graded Assignments

Module 10 Quiz
Module 10 Evidence

Participation Assignments

Check Your Knowledge: Modeling Two Events
Check Your Knowledge: Calculating “AND” Probability
Check Your Knowledge: Calculating “OR” Probability
Check Your Knowledge: Conditional Probability
Check Your Knowledge: Application: Simulating Experimental Probability