

Tree of Life School

"Wisdom is a tree of life to those who embrace her."

Proverbs 3:18



*Logic 2
Formal Logic
Course Outline*

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Introduction

This course will introduce you to the interesting realm of formal, deductive logic. Coming after a study of informal logic, which concerns the claims being made in the *content* of an argument, a study of formal logic analyzes the *structure* of the argument. Logic as a subject is perfect for training minds to think clearly, and this training is best if made interesting. Therefore, the text we've chosen for this course, *The Discovery of Deduction*, emphasizes the real-world application of deductive logic. Deductive logic is like mathematics: it needs memorizing and practice, but turns out to have many applications in life.

How to Work Through the Course

This course has been divided into a **140 day schedule**. This will allow you to follow a **four-day school week** and still complete the course in a normal academic year. The fifth day of each week can be used to catch up on assignments, do extra studying, or simply take the day off from the course. If, however, a five-day school week is more desirable, you are encouraged to pursue this course and will be rewarded by early completion of the material.

One day's work may take anywhere from half an hour to an hour. You will read the lesson in the text and answer the questions if there are any. The *Teacher's Edition* is available for you to check your answers and to make sure you understand the lesson. Use it freely! Sometimes there is an excerpt from Plato or a story about Sherlock Holmes to read. We have provided the Plato in the Readings portion of this study guide. The Sherlock Holmes can be found on the internet (links provided) or in a book of your own. From time to time there is a writing assignment to work on.

Assignment Expectations

There will be tests and assignments to help us evaluate your progress in *The Discovery of Deduction*. It will be explained to you in the Daily Schedule which of the writing assignments given in the textbook are to be sent to us. Also, we have prepared tests for six of the nine chapters in the book. Some chapters have only writing assignments and no test. All of the tests may be found on-line at the Tree of Life website using your access code for this course.

The tests are "closed-book", and should be completed within an hour's time-frame. You are not supposed to check your text book, or take several days to do the test. Each test is to be completed on the computer by typing your answers in the blanks.

The writing assignments allow you more freedom. You may take your time to complete them, you may consult other people for help, and you may look in your textbook and the *Teacher's Edition* for guidance. Just make sure the finished product is your own.

When you submit a written assignment, make sure it shows a title, your name, the course name, and the date. This may be on a title page if you wish, or at the top of the

first page of work. Use Times New Roman or Arial font in size 12.

*** Note: General guidelines and instructions on using Tree of Life courses and completing assignments are found in the **Tree of Life Student Handbook**, available from the resources area of the course page. ***

Calculating Your Final Grade

Your final mark in the course will be based on the following approximate percentages:

| | |
|-----------------------|-----|
| 6 chapter tests | 55% |
| 6 writing assignments | 45% |

To help keep track of progress, there is an assignment mark sheet at the end of this course outline.

Evaluative Comments and Grades

At the high school level, students are given numerical grades for each of their tests and assignments. We try to be as objective as we can be, but much of what we do is subjective by nature and with several people evaluating work, some will give higher grades than others. We make every effort to be on the same page (so to speak) so that there is not a wide disparity in grades from subject to subject (especially in those areas where much written work is submitted). We also make every effort to communicate to the student what was positive about the assignment and what needs work. If there is a question about a grade or comment on an assignment, we encourage you to communicate this to us. The best way is to send an e-mail or return the assignment with a note attached the next time you send work by mail. This way we can make sure that the evaluator who can best answer your question is notified and can have the opportunity to review the question and assignment and get back to you with what will hopefully be a satisfactory explanation.

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Logic 2*

| Assignment | Name | Value | Mark |
|------------|----------------------------|-------|------|
| 1 | Socrates' <i>Apology</i> | 20 | |
| 2 | Chapter 1 test | 22 | |
| 3 | Entertaining an Idea | 20 | |
| 4 | Chapter 4 Test | 33 | |
| 5 | Socratic Dialogue | 20 | |
| 6 | Personal Beliefs | 25 | |
| 7 | Chapter 6 Test | 28 | |
| 8 | Chapter 7 Test | 30 | |
| 9 | The Goal of Education | 20 | |
| 10 | Chapter 8 Test | 27 | |
| 11 | A Good Friend | 25 | |
| 12 | Chapter 9 Test | 30 | |
| | | | |
| | Total | 300 | |
| | | | |
| | Final mark as a percentage | | |
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