



January 2020

Critical Thinking: Philosophy 3, Section 5500; Tuesday & Thursday 7:30-9:00. Emeritus 1518 Instructor; Dr. Crowell; Office Hours, Tuesday & Thursday 7:00-7:30 & 9:30-10:30, Emeritus 1513. Office phone, 527-4946. Voice-mail 527-4999, extension 5121.

Web Sites: [www.santarosa.edu/~tcrowell](http://www.santarosa.edu/~tcrowell)

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This beginning course is a study of arguments. An argument, for this class, includes giving reasons, establishing support for things we think are true and justifying beliefs or actions based on beliefs. When this activity is engaged in by thoughtful persons, the result will often be what we will call an argument. We will, during the course, attempt to establish the standards for arguing properly and, by implication, ways to distinguish between correct and incorrect arguments. We will be interested in finding mistakes in this process, avoiding the pitfalls of fallacious arguments, and being able to think through some complex issue. This does not mean that on many complex questions there is a single right answer, but it does mean that there is a correct method. The puzzle is how can single correct method of argument lead to contradictory answers? Part of this course is to examine this puzzle.

**Text:** Instructor prepared material in the form of handouts; area newspapers, magazines and other print media.

**Note: there is no commercial text required. However, I ask students to have a copy of the major handouts for the course. A printout can be completed at our library.**

Course Assignments: Read handouts and daily material from newspapers, magazines, etc.

Daily in-class quizzes

In-class exams (three short answer/essay)

Paper (argumentative essay written out of class)

In-class final Exam

**The Quizzes:** Sometime during each class meeting there will be one, or sometimes two, very brief questions based on the reading assignment in the handout for that meeting, or on a front-page issue that has led to public arguments on that question, or perhaps an in-class group assignment. They will be worth 10 points each, no partial credit and if missed, cannot be made up. However, I will accept an e-mail notifying me of an absence. I will send an e-mail with the quiz question missed and credit will be given for a correct e-mail answer received prior to the next class session. They can be answered from the reading assignment or from your reading of the daily local papers, or the work you do in class. Quizzes will be closed book, but you may consult any reading notes that you have taken covering the reading assignment for that class meeting.

One way to earn quiz credit is have a letter to the editor published in one of the regional papers

**The Exams:** There will be three short answer/essay exams during the semester and one outside of class paper. The three exams will be in class exams; the fourth assignment will be a take home paper. They will be graded on completeness, accuracy, clarity, language skills, and relevance to the questions. All examinations are open book. This means you may consult notes, handouts, but not each other's exams, during the examination.

The semester's exams will require you to do the following:

- \* Summarize Briefly stating the main points or the thesis
- \* Explain Making clear, interpreting some point or idea by putting the point in your own words.
- \* Define Giving the meaning of a term or concept sometimes by a good example
- \* Discuss Considering something from several points of view. Presenting opposing views
- \* Criticize Stating your reasoned belief on the correctness of something and evaluating the reasons for beliefs of others.
- \* Evaluate Determining the strength of an argument
- \* Justify Giving good evidence, showing reasons for an evaluation
- \* Prove Establishing the truth of something by justifying correctly.

It is not possible to schedule individual make up exams. If an individual misses an exam, there is the option of replacing the grade, (0), by taking that section(s) of the final.

A tentative grade based on the four assignments and the quiz total will be posted before the final. Letter grades will be converted to numerical equivalence and averaged. One then may elect to retake some or all of the four assignments as a final exam. The grade received on the final(s) will replace the grade(s) received on the earlier exam. To take the final, you must say which exam(s) you want to replace. There will be place to show this on the pre-final grade sheet, made available prior to the final. Signing up for the final obligates you to take the final.

**Grades:** The four assignments (three exams and one paper) will be 100 points each. The quiz total is calculated at 100 points as well. The total possible points (500) will be averaged for a letter grade. Letter grades usually reflect the normal distribution; A's in the 90% and above, B's between 80% and 90%, C's between 70% and 80%, D's between 60% and 70%, not passing below 60%.

Daily Quizzes; 20% (100 points)  
Three In-class exams; 60% (300 points)  
Paper; 20% (100 points)

**Absences and Attendance:** Attendance is not specifically graded but will be reflected in the quizzes. However, I will drop students who, at the first census (February 4), have not attended. It is the student's responsibility to initiate a drop procedure in any other circumstance. On the section page for this course there is a link to important dates and deadlines. Students should review and be familiar with these dates.

**Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disability Resources (527-4278), Analy Village - C, as soon as possible to better ensure such accommodations are provided.**

**Reading requirement:** Students will be expected to have read the material in the handout that is to be covered on a specific class session (see outline that follows). In addition, students will be expected to have read or be familiar important news events from the immediate period. This knowledge can be gained from reading the important news reports for that day or hearing in depth reports from the various media outlets. The focus should be on the arguments that are reported in each of these cases. The focus should be on the arguments that appear in the various sources. Sources include: Press Democrat, San Francisco Chronicle, Sacramento Bee; Broadcast media, National Public Radio on KQED 88.5 and 88.3, fm KRCB 91.1 fm; The News Hour on KQED, and KRCB TV; all-news station KCBS on 740 am.

The reading material will be distributed as handouts. These handouts will be available on the Module Page located on the section page on the college's Canvas web site. There will be other class material on the Class Canvas Page as well. I advise students to print a hard copy of this material so that they can have it during class.

Reading arguments found in the media will result in our being familiar with the important political, economic, and social questions of the day, e.g., national and state budget issues, questions relating to the problem of immigration, waging war, questions of gun control, etc. Part of the requirement will be to read at least four opinion pieces regarding these questions each week. The idea is to think about real life issues, encourage people to read arguments on these issues, and apply classroom exercise to the analysis and evaluation of these arguments.

**Goal:** To understand the nature of arguments. To teach practical, usable skills for analyzing, evaluating and constructing extended arguments in such areas as politics, economics, public concerns, business policy, value determination and perhaps personal matters; to enable the student to read, evaluate, and write quality arguments. A second purpose is to touch on and explain philosophical issues and methods as they occur in the semester's work.

**Assumptions:** The study of arguments requires the study of language. The use of language in arguments is governed by informal rules (identified as "language games" in recent philosophical discussions). In some areas philosophers have established formal rules that, when followed, form the necessary conditions for correctness and quality in arguments. These conditions are observable, public, and teachable and serve as the foundation for proper communication.

**Method:** Lecture, discussion, handouts, analysis and exercises, daily quizzes, open book exams. FIRST WEEK; January 14. Introduction to the Class. What is Critical Thinking? What is an argument?

Assignment for next class: Read and study the handout What is Meant by Critical Thinking and Introduction to the Syllogism. Arguments defined: practical and deductive (the Syllogism). The separation of arguments from non-arguments. Examples of arguments from the local media. Practical arguments and deductive arguments. Deductive arguments: The Syllogism. Propositions--their standard form, validity, the standard form syllogism, and rules for validity.

SECOND WEEK: January 21. Department Activities **No class**) January 22; Continuation of the syllogism. Review of formal proofs in the syllogism, Know: translation to Categorical Proposition, translation to

Standard Form, Mood and Figure designation, Distribution, Rules for Validity.

THIRD WEEK; January 28 **First Exam Thursday, January 30.** Review for exam, January 28 Handouts for next section will be available on line; Canvas Module.

February 3; First Census

FOURTH WEEK: February 4. Return and review of first exam February 4. Assignment: Read editorial pages for structure of extended arguments. Start the study of Practical arguments

FIFTH WEEK; February 11. **No class** February 13 (PDA). The study of practical arguments. The concepts of assurances, issue, warrants, counter arguments, etc.

SIXTH WEEK; February 18. Continue with Practical arguments--the study of arguments in the media. The analysis of extended arguments--evaluation and the structure of extended arguments. Assignment for next week: Analysis of arguments in handouts.

SEVENTH WEEK. February 25. Continue with analysis of extended arguments. Review of extended arguments. Definitions of assurance, warrant, secondary thesis, counter argument, etc. Prepare for exam. **Second Examination Thursday, February 27.** Handouts for next section will be available on line. Assignment for next week: Study handouts for next section.

EIGHTH WEEK; March 3. Return and review of second exam. Start the examination of defective arguments.

NINTH WEEK; March 11. Study of defective arguments. Fallacies in arguments. Assignment for next week: The quiz for next week consists of selecting and handing in an argument that you regard as defective. You should briefly describe the nature of the problem in the example you hand in. Study of defective arguments continued. Assignment: continue with study of handouts.

March 16-22; Spring Break.

TENTH WEEK; March 24. Continue the study of defective arguments. The four criteria for evaluating arguments. March 28; Mid Term Grades are issued

ELEVENTH WEEK; March 31; Defective arguments continued.

TWELFTH WEEK; April 7; Review of defective arguments continued. Discussion of the four criteria for strong arguments. Prepare for exam. In class exercises on writing argument criticisms and evaluations. Application of the four criteria. Writing a critical evaluation. **Third examination Thursday, April 9.**

THIRTEENTH WEEK; April 14. Return and review of third exam. Selection of issue for writing persuasive argument.

FOURTEENTH WEEK; April 21. Writing original arguments. Organizing and outlining. Narrowing the issues. Structuring a written argument. Researching the topic

FIFTEENTH WEEK; April 28. Writing original arguments. Organizing and outlining. Narrowing the issues. Structuring a written argument. Researching the topic. Using Turnitin.com **Original argument to be handed in by May 8.** Papers turned in after the deadline will receive a 0.

SIXTEENTH WEEK; May 12. Return of papers. Course review for those expecting to take final. Pre-final grades available on May 7. To take the final, you must indicate which exam(s) you want to replace. There will be place to indicate this on the pre-final grade sheet. Once you sign up, you are committed to taking the final. These grades will be posed on cupboard door in the room around the corner from my office in Emeritus 1513.

SEVENTEENTH WEEK; May 14; Course Review

Final Exam; For Section , Tuesday May 19. 7:00—9:45 am in Emeritus 1518

Below is a section from the official course of record for Philosophy 3. For transfer purposes, this is what is expected to have been accomplished at the end of our work. We will review this as part of the year end course review.

#### COURSE CONTENT

Outcomes and Objectives:

Upon completion of this course, students will be able to:

1. Identify arguments;
2. Distinguish arguments from explanations, and from statements of unsupported opinion;
3. Portray the structure of support within an argument;
4. Paraphrase arguments;
5. Distinguish inductive from deductive reasoning; (For our class we will study one deductive system; the syllogism and then study practical argument—so called “inductive”)
6. Apply appropriate standards for the evaluation of both inductive and deductive arguments;
7. Apply appropriate standards of informal argument evaluation (recognition of informally fallacious arguments);
8. Design and compose arguments that meet appropriate standards of evaluation.