1. **COURSE TITLE\*: CRITICAL THINKING**
2. **CATALOG – PREFIX/COURSE NUMBER/COURSE SECTION\*: PHIL 1100**
3. **PREREQUISITE(S)\*: NONE** **COREQUISITE(S)\*: NONE**
4. **COURSE TIME/LOCATION/MODALITY: (*Course Syllabus – Individual Instructor Specific*)**
5. **CREDIT HOURS\*:** **3** **LECTURE HOURS\*: 3**

**LABORATORY HOURS\*: 0 OBSERVATION HOURS\*: 0**

1. **FACULTY CONTACT INFORMATION: *(Course Syllabus – Individual Instructor Specific)***
2. **COURSE DESCRIPTION\*:**

This course is designed to improve the critical thinking skills associated with various forms of reasoning. The process of reasoning emphasized in this course involves identifying, analyzing, evaluating, and constructing arguments. Students will be able to identify formal and informal logical fallacies, both to avoid these in their own thinking and to criticize these in thinking presented to them. Throughout the course, we will emphasize the principles of critical thinking as they apply to several different forms of reasoning including scientific, causal, statistical, legal, and/or moral reasoning.

1. **LEARNING OUTCOMES\*:**

Students will:

1. Identify the premises and conclusions of arguments.
2. Distinguish arguments from non-arguments.
3. Clarify and disambiguate claims and arguments.
4. Distinguish deductive and inductive reasoning.
5. Articulate and demonstrate an understanding of basic principles of formal reasoning and their relation to natural language.
6. Separately evaluate the acceptability of the premises and the reasoning of arguments.
7. Identify common informal fallacies, both to avoid these in their own thinking and to criticize these in thinking presented to them.
8. Identify common cognitive biases.
9. Analyze causal, statistical, or scientific reasoning.
10. Analyze legal or moral reasoning.
11. **ADOPTED TEXT(S)**\***:****Students are not required to purchase any materials for this class. All texts for this course are available in digital format, for free,** **in Canvas.**

*Introduction to Logic and Critical Thinking (Vol 2.0)*

Matthew J. Van Cleave

Matthew J. Van Cleave (2016)

*A Modern Formal Logic Primer (Volumes I and II)*

Paul Teller

Prentice Hall (1989) ISBN: 0139031707 (ISBN13: 9780139031700)

**9a: SUPPLEMENTAL TEXTS APPROVED BY FULL TIME DEPARTMENTAL FACULTY (INSTRUCTOR MUST NOTIFY THE BOOKSTORE BEFORE THE TEXTBOOK ORDERING DEADLINE DATE PRIOR TO ADOPTION) \*\*\*.**

1. **OTHER REQUIRED MATERIALS: (SEE APPENDIX C FOR TECHNOLOGY REQUEST FORM****.)\*\***

Students may be required to post videos of themselves speaking for some assignments. Therefore, access to a camera and microphone, as well as software necessary to upload these videos to Canvas, is required for this course. Contact the [SSCC Library](mailto:reference@sscc.edu) for information about obtaining school equipment for this purpose. (800) 628-7722 x2680

1. **GRADING SCALE\*\*\*:**

Grading will follow the policy in the catalog. The scale is as follows:

A: 90 – 100

B: 80 – 89

C: 70 – 79

D: 60 – 69

F: 0 – 59

1. **GRADING PROCEDURES OR ASSESSMENTS: (*Course Syllabus – Individual Instructor Specific)***

|  |  |  |
| --- | --- | --- |
| *Category* | ***EXAMPLE ONLY***  *Total Points* | *%* *of Grade* |
| Discussions (8x25) | 200 | 20% |
| Quizzes  (8x25) | 200 | 20% |
| Exams (2x100) | 200 | 20% |
| Reflections (8x15) | 120 | 12% |
| Research Paper  Project  (30+50+100=180) | 180 | 18% |
| Participation | 100 | 10% |
| Total | 1000 | 100% |

1. **COURSE METHODOLOGY: *(Course Syllabus – Individual Instructor Specific)***

*EXAMPLE ONLY*:

Course material is grouped into weekly modules. Each module will contain an overview of the week and some combination of learning materials, activities, and assessments. A typical module in this course will be organized as follows:

* At the top of each module, you will find the overview. It is required that you view the overview for each week.
* Under the heading "READ IT," you will find the required reading for the week. These readings may include readings from textbooks, scholarly articles, primary-source readings, or my own text.
* Under the heading "WATCH IT," you will find the required videos for the week. These videos may be my own personal lectures or content that I have chosen specifically for the week's lesson.
* Under the heading "DO IT," you will find the required activities and assessments for the week. These activities may include exams, quizzes, writing assignments, discussion forums, Checkpoints, and/or other learning activities or assessments.

**14.**  **COURSE OUTLINE: *(Course Syllabus – Individual Instructor Specific)***

***(Insert sample course outline with learning outcomes tied to assignments / topics.)***

|  |  |  |  |
| --- | --- | --- | --- |
|  | **(EXAMPLE ONLY – *INDIVIDUAL INSTRUCTOR SPECIFIC)***  **COURSE OUTLINE**  **PHIL 1100 – CRITICAL THINKING** | |  |
| **WEEK NUMBER** | **TOPIC** | **ASSIGNMENT:** | **LEARNING OUTCOME** |
| One & Two | Thinking About Thinking | Week 1 and 2 Readings/Videos  Discussion #1: Post by Sunday of Week 1, and reply by Sunday of Week 2.  Quiz #1: Complete by Sunday of Week 2.  Reflection #1 Complete by Sunday of Week 2 | 7, 8 |
| Three & Four | Argumentation Fundamentals | Week 3 and 4 Readings/Videos  Discussion #2: Post by Sunday of Week 3, and reply by Sunday of Week 4.  Quiz #2: Complete by Sunday of Week 4.  Reflection #2: Complete by Sunday of Week 4. | 1, 2, 3, 4, 5, |
| Five & Six | Evaluating Arguments | Week 5 and 6 Readings/Videos  Discussion #3: Post by Sunday of Week 5, and reply by Sunday of Week 6.  Quiz #3: Complete by Sunday of Week 6.  Reflection #3: Complete by Sunday of Week 6. | 1, 2, 3, 4, 5, 6 |
| Seven & Eight | Informal Fallacies | Week 7 and 8 Readings/Videos  Discussion #4: Post by Sunday of Week 7, and reply by Sunday of Week 8.  Quiz #3: Complete by Sunday of Week 8.  **Exam #1:** Wednesday of Week 8  Reflection #4: Complete by Sunday of Week 8. | 7 |
| Nine & Ten | Scientific Reasoning (SR) | Week 9 and 10 Readings/Videos  Discussion #5: Post by Sunday of Week 9, and reply by Sunday of Week 10.  Quiz #5: Complete by Sunday of Week 10.  Reflection #5: Complete by Sunday of Week 10.  SR Paper Assigned | 9 |
| Eleven & Twelve | Confirmation Bias and Anchoring Bias | Week 11 and 12 Readings/Videos  Discussion #6: Post by Sunday of Week 11, and reply by Sunday of Week 12.  Quiz #6: Complete by Sunday of Week 12.  Reflection #6: Complete by Sunday of Week 12.  SR Annotated Bibliography: Due Sunday of Week 11. | 8 |
| Thirteen & Fourteen | Statistical Reasoning | Week 13 and 14 Readings/Videos  Discussion #7: Post by Sunday of Week 13, and reply by Sunday of Week 14.  Quiz #7: Complete by Sunday of Week 14.  Reflection #7  SR Initial Draft: Due Sunday of Week 13. | 9 |
| Fifteen & Finals Week | Moral Reasoning | Week 15 Readings/Videos  Discussion #8: Post by Sunday of Week 15, and reply by Wednesday of Finals Week.  Quiz #8: Complete by Sunday of Week 15.  **Exam #2**:Wednesday of Week 15  Reflection #8. Complete by Wednesday of Finals Week.  **SR Final Draft: Due Monday of Finals Week.** | 10 |

**15.** **SPECIFIC MANAGEMENT REQUIREMENTS\*\*\*:**

**Learning Materials:**

Students will be assigned learning materials throughout the duration of the class. Engaging with these learning materials will prepare students to successfully complete the course learning activities and assessments. Students are required to read, listen to, or watch all assigned texts and videos about the course and about the course topics.

**Learning Activities and Assessments:**

Students will frequently be assigned learning activities. Learning activities provide students with an opportunity to work with learning materials and develop the skills to be successful completing the assessments. Students will periodically be assigned assessments. Assessments measure how well the student has met the student learning outcomes.

**16.** **FERPA: \***

Students need to understand that your work may be seen by others. Others may see your work when being distributed, during group project work, or if it is chosen for demonstration purposes. Students also need to know that there is a strong possibility that your work may be submitted to other entities for the purpose of plagiarism checks.

**17.**  **ACCOMMODATIONS: \***

Students requesting accommodations may contact the Academic Affairs office administrative assistant, Barb Fleming, at bfleming@sscc.edu or 937-393-3431 X-2620.

Students seeking a religious accommodation for absences permitted under Ohio’s Testing Your Faith Act must provide the instructor and the Academic Affairs office with written notice of the specific dates for which the student requires an accommodation and must do so no later than fourteen (14) days after the first day of instruction or fourteen (14) days before the dates of absence, whichever comes first.  For more information about Religious Accommodations, see the full policy at <https://www.sscc.edu/services/accessibility-services.shtml#religious-accommodations>

or contact the Academic Affairs office administrative assistant, Barb Fleming, at [bfleming@sscc.edu](mailto:bfleming@sscc.edu) or 937-393-3431 X-2620.

**18. OTHER INFORMATION\*\*\*:**

**SYLLABUS TEMPLATE KEY**

**\*** Item cannot be altered from that which is included in the master syllabus approved by the Curriculum Committee.

**\*\*** Any alteration or addition must be approved by the Curriculum Committee

**\*\*\*** Item should begin with language as approved in the master syllabus but may be added to at the discretion of the faculty member.