



## AIMS

This subject is designed to take students from many backgrounds and language settings and give them the skills necessary to successfully study a range of subjects at an Australian university. Critical thinking specifically addresses learning areas to assist students who have had little exposure to western style education and whose first language is not English. To this end, students are taught concepts and methodologies that promote the development of independent analytical thinking skills via lecture listening, note taking and interactive tutorial style classes.

## LEARNING OUTCOMES

After successfully completing this subject students should be able to:

- identify and use the skills of argument and reasoning
- clearly communicate arguments and positions
- identify strengths, weaknesses and fallacies in arguments
- diagram arguments and plan essays
- assess and evaluate sources for argumentative credibility
- obtain, critically analyse and evaluate information from a variety of sources
- develop and understanding of deductive arguments, inductive argument and abductive arguments
- write and present information to meet a range of academic requirements.
- systematically plan and produce a capstone research project

## PREREQUISITES AND ASSUMED KNOWLEDGE

There are no prerequisites or assumed knowledge for this subject.

## SUBJECT CONTENT

WEEK	TOPIC AND ASSESSMENT SCHEDULE
1	Orientation week
2 - 8	Argument parts, categorical reasoning and Venn diagrams
9 - 11	Propositional reasoning and truth tables
12 - 13	Soundness and CE by Scenario
<b>Break</b>	
14	Types of writing
15 - 16	Argument mapping
17	Review test
18 - 19	Exam Week
20	Applied critical thinking
<b>Break</b>	
21 - 23	Metacognition
24 - 26	Induction and scientific reasoning
29	Inference to the best explanation
30	Report planning and writing
<b>Break</b>	
31 - 36	Research project
37	Review Test. SWOTVAC
38 - 39	Exams
40	Graduation and transcript collection



## ASSESSMENT

General weightings for each assessment item are outlined below

ASSESSMENT ITEM	WEIGHTING	DUE DATES
<b>Semester 1</b>		
Test 1 Argument parts	2%	Week 3
Test 2 Categorical arguments	6%	Week 6
Test 3 Venn diagrams	7%	Week 8
Test 4 Truth tables	7%	Week 11
Test 5 Soundness and CE by Scenario	7%	Week 13
Test 6 Argument Maps	7%	Week 16
Test 7 Review	9%	Week 17
Attendance and effort	5%	
<b>Semester 2</b>		
Metacognition assignment	5%	Week 23
Test 8 Induction test	8%	Week 26
Test 9 IBE	9%	Week 29
Project presentation	2%	Week 36
Project report	12%	Week 36
Test 10 Review	9%	Week 37
Attendance and effort	5%	