

HLTH301

EVIDENCE BASED HEALTH

Arindam Basu

JANE SOONS 607

Course Information

- **15 Point**
- **Tuesdays Rehua 101, 11AM - 1PM**
- **Goal: Evidence in Health**
 - **Searching Skills**
 - **Clinical Epidemiology**
 - **Critical Appraisal**
- **Three Assessments**
- **No Tutorials or Tutorials on Demand**
- **Recordings available**

Assessments

Component	Need to do	Percent	When Due
Forum Posts	Write Four Learn Forum Posts	20	25/7, 1/8, 8/8, 15/8 Cut off 5 PM
Grouped Presentation	Do a presentation in a group on a critical appraisal topic and your individual contribution	40	16/9, 17/9 in classroom
Critical Appraisal	Critical Appraisal of Studies on Learn	40	21/10

Forum Post Topics

Week 1: Give at least one example where Evidence Based Practice has changed an existing practice and argue one limitation of Evidence Based Practice

Week 2: Write a literature search plan on how Artificial Intelligence and Machine Learning can be used to manage a mental health condition among elderly population

Week 3: List a Qualitative study and write a 200 word commentary on it about how this study has contributed to evidence based health

Week 4: List a Maori health study and write 200 word commentary on it

Grouped Presentation

You have been assigned to a group. You will find your group on Learn

Working in Groups, you will review an aspect of the NZ COVID-19 response, this year we will be looking at effectiveness of the COVID-19 vaccine.

Your Group should finish with one slide, which considers answering the following two questions: how do we know it worked? And who did it work for?

Presentations should be 10 minutes in length

You must include one or two slides yourself marked with your name and ID

Your individual Grade Will Depend on the Combination of Group Performance, Your Contribution, and Your Answer to the Question Reflecting Your Understanding

Critical Appraisal

Eight Questions on one or more Cochrane Reviews or Papers

Each Question Carries 5 MARKS

Complete Assignment on Learn

Assignment Due on 21/10/2025

When is Your First Forum Post Due?

End of Next Week

End of August

End of September

End of October

Submit

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How do You Use AI in Completing Assignments?

I do not use AI at all

I prompt AI but write the Text of Assignment Myself

Prompt AI and copy paste from AI to my Assignment then Edit

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AI Policy of This Course

- **You Can Use AI**
- **Use AI Only for Prompting**
- **Do not use AI to write your Assignments**
- **Allowed AIs: OpenAI, Copilot**
- **Do not use DeepSeek**
- **Declare and be Transparent About your AI use**

Class Schedule

Date, Time, Venue	Topic	Lecturer
15/7, 11-12:50, Rehua 101	Introduction to the course and assessments	Arindam Basu
22/7, 11-12:50, Rehua 101	What is EBH, Search of Literature	Margaret Paterson
29/7, 11-12:50, Rehua 101	Evidence Based Health: Cause and Effect	Arindam Basu
5/8, 11-12:50, Rehua 101	Qualitative Studies	Sarah Lovell
12/8, 11-12:50, Rehua 101	M`aori health	Annabel Ahuriri Driscoll
19/8, 11-12:50, Rehua 101	Clinical Epidemiology and Study Designs	Arindam Basu, ...
9/9, 11-12:50, Rehua 101	Risk of Bias of Individual Studies	Arindam Basu, ...
16/9, 11-12:50, Rehua 101 & 17/9, 1-2 PM, Rehua 528	Group Presentations (Groups 1-4 on 16/9, and 5-8 17/9)	All
23/9, 11-12:50, Rehua 101	Critical Appraisal of single studies and multiple studies	Arindam Basu
30/9, 11-12:50, Rehua 101	Systematic Reviews and Meta Analysis	Arindam Basu
7/10, 11-12:50, Rehua 101	Case studies	Sarah Lovell, Annabel, Arindam
14/10, 11-12:50, Rehua 101	Final Class and Wrap Up	

What will you do if you have a question or a comment on the course?

Email the Lecturer

Check with the Class Representative

Post on the Discussion Forum

Arrange to meet with the Course Leader

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Contact

Mode	Address
Email	Arindam Basu, arindam.basu@canterbury.ac.nz
Forum	Use the General Forum in the Class
Office	Jane Soons 607
Class Representative	