HOW TO FIND RESOURCES IN THE LIBRARY

Study like a scholar
What we will cover

How to find information for your assignment

1. Library search tools
   - ECU World search
   - Library Guides (databases)

2. Search strategies to find information on a topic
   - Key Concepts
   - Keywords & Synonyms
   - Boolean operators AND, OR, *, “. . .”

3. Finding a specific item
   - Do a title search
   - Enclose a phrase in quotation marks “ ”
   - Include an author with the title
Study Like a scholar
But first . . .

Why?

http://zioninitiative.com/why-zion/
About 21,500,000 results

Google

Fluoride

Google Search  I'm Feeling Lucky

So easy to use . . .
How reliable is the information?

1. I have pulled back to 7.5 hours a day again, but...
HOW TO SPOT FAKE NEWS

CONSIDER THE SOURCE
Click away from the story to investigate the site, its mission and its contact info.

READ BEYOND
Headlines can be outrageous in an effort to get clicks. What’s the whole story?

CHECK THE AUTHOR
Do a quick search on the author. Are they credible? Are they real?

SUPPORTING SOURCES?
Click on those links. Determine if the info given actually supports the story.

CHECK THE DATE
Reposting old news stories doesn’t mean they’re relevant to current events.

IS IT A JOKE?
If it is too outlandish, it might be satire. Research the site and author to be sure.

CHECK YOUR BIASES
Consider if your own beliefs could affect your judgement.

ASK THE EXPERTS
Ask a librarian, or consult a fact-checking site.
*Library resources give you the edge*
*Gateway to all library resources...
Library resources are . . .

Scholarly
Reputable
Trustworthy
Authoritative
Accurate
Reliable
Peer Reviewed
Credible
Access the library from the ECU homepage

* Finding the Library Home Page
Type **keywords** into ECU Worldsearch to search for items in the library collection. We’ll come back and look at this later in this session.
300 databases!

Which ones do I use?
Click to find the Aviation Library Guide
Referencing

1. Click Engineering

2. Choose Aviation from the list.
Navigate using the tabs

Databases

Click here for the Referencing Guide.

ebooks

Journal articles and databases
Referencing Library guide

Need help referencing?

Not sure how to reference the books, journal articles and websites used in your assignment?

Click the tabs to see referencing examples for each format.
Referencing Library Guide:

Click the book tab to see examples of how to reference different types of books.

<table>
<thead>
<tr>
<th>Source</th>
<th>In-text</th>
<th>End-text</th>
</tr>
</thead>
</table>
Referencing Library Guide: Click the Journal articles tab to see examples of how to reference different types of journal articles.
Try these step-by-step video tutorials.

Need more help? Click the tutorials tab.
Discover Your Library resources

How to find a specific item in the library

*(Significant reference for SCA1113 – Aircraft Propulsion 1)*

“mechanics of flight” AND Kermode

Enter **keywords**, or “a **phrase**” or the “**whole title**”. Place **phrases** in **quotation Marks** “...” *(Adding an author’s last name will target the search).*
Interpreting the Results Page

Results for "mechanics of flight" AND Kermode

Hint: Can’t find a book held by ECU? Limit to Edith Cowan University

Limit to full text.

Limit to articles from peer-reviewed journals.

Hint: Limit to a particular format, e.g. books or articles

Check out the other titles in the results list

Hint: Check that it is held by ECU?

This is a print book

This is an online article

Hint: Limit to articles from peer-reviewed journals.

Format:
This is a print book
This is an online article

Limit to full text.
Finding information on a topic...

Topic: Lift augmentation

Picture sourced from: http://northcentralcollege.edu/sites/default/files/Documents/Keep_Calm_-_Lets_Get_Started.png

*Finding information on a topic...*
Analyse your topic

Break your topic into concepts

List additional keywords

Use * symbol to Truncate terms

*Use Smart Searching skills . . .
1. What is the **topic**?
For example:
- Lift augmentation?
- Aviation security?
- Black hole illusion?
- Stall-in-the-turn?

2. What are you asked to do with the topic?
For example:
- Describe?
- Define
- List?
- Discuss?
- Analyse?

*Analyse your assignment topic.*
key concepts

Aviation

Lift augmentation

stages of flight

Methods

Accidents

*Break topic into key concepts...
Lift augmentation
OR
Augmented lift

Aviation
OR
Aircraft
OR
Aerodynamics
OR
Plane
OR
Descent

Stages of Flight
OR
Ascent
OR
Take-off
OR
Climb
OR
Descent

Additional keywords?

Accident*
OR
Aerodynamic factors
OR
Human error
OR
Human factors

Synonyms: In other words . . .
child* finds: child
child’s, children ...

assess* finds: assess, assessment, assessing ...

infan* finds: infant, infants, infancy, infantile ...

Use symbol to Truncate terms
Use “...” for a “phrase search”

- “lift augmentation”
- “units of measure”
- “principles of flight”
Combine your terms using AND and OR.
Information that includes Lift augmentation AND stages of flight

Lift augmentation

stages of flight

*AND narrows the search*
Lift augmentation

Augmented lift

*OR expands the search
Keyword search

Aviation AND Lift augmentation

Boolean operators: AND, OR

Combine keywords with AND and OR
1. **Ebook**
2. **Held by ECU**
3. Click **Access online**
4. Follow the prompts

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1. **Article**
2. **Held by ECU**
3. Click **Access online**
4. Follow the prompts
Searching an ebook

Search within book

To search an exact phrase use quotes "lift augmentation"

Click on the link to go to the result page

6 Lift Augmentation
6.1 Wing Loading
6.2 $C_L^{max}$ Augmentation
6.3 Slats
   6.3.1 Automatic Slats
   6.3.2 Manual Slats
6.4 Slots
6.5 Leading-Edge Flaps
   6.5.1 The Krueger Flap
   6.5.2 The Drooped Leading Edge
6.6 Trailing-Edge Flaps
   6.6.1 The Plain Trailing-Edge Flap
   6.6.2 The Split Trailing-Edge Flap
   6.6.3 The Slotted Trailing-Edge Flap
   6.6.4 The Fowler Flap
   6.6.4.1 The Effect of Trailing-Edge Flaps
Choose a database from the buttons or the list:
1. Enter keywords into the search box/es

E.G. Aviation AND lift augmentation

Try Knovel for ebooks
Engineering Village
Web of Science, Scopus
and Springerlink for high quality articles on a topic.
Databases: single and multiple search boxes

Databases with a single search box:
Combine your string of keywords with **Boolean** operators (**AND**, **OR**). Use **truncation** * and **quotation marks** “...” to target your search.
E.g.:
Aviation AND augmented lift.

Databases with multiple search boxes:
Type each **concept** in a new box. Concepts are automatically joined by **AND**. Place a string of synonyms within a box and combine with **OR**. E.g.:
Aviation OR flight augmented lift OR lift augmentation.
1. Find two scholarly journal articles, published in the last five years, on the following topic:

Discuss the importance of human factors in aviation safety.

2. Save these items and display them in the APA format.
1. Find two scholarly journal articles, published in the last 5 years, on the following topic:

Aviation AND Drag

Hints: Find other words to target the results. For Example:

Disaster prevention AND Drag
Drag AND Stability
Aerodynamics AND Drag

Save these items and display them in the APA format.
Need more help?

Ask us 10.30 am to 3.30 pm
Library help:

From the library home page:
- Subject Guide link
- ECU World Search

On blackboard:
- Library learning link
- Reading lists

Need more help?
- Contact the library: library@ecu.edu.au  ph: (61) 8 6304 5525
- Ask at the library enquiries desk
The beginning . . .
Assignment checklist

Library search tools
- ECU Worldsearch
- Library Guides:
  - Aviation (Databases)
  - Referencing (Examples)

Search strategies
- Concepts
- Keywords and Synonyms
- Boolean operators: AND, OR, *, “ . . .”

How to find information for your assignment
- Finding a specific item:
  - Do a “title search”
  - Use “ . . “ around words in the title
- Finding information on a topic:
  - Combine keywords with AND, OR, *, “ . . .”
  - Use Worldsearch or Library databases