

SSW 3: Composing a Search Strategy:

Arguments and Counterarguments

Print this exercise, write your name and date on it, fill it out, and turn it in manually.
Follow all instructions!

For this exercise you are going to research the impact of artificial intelligences and/or automation on the workforce, including both its advantages and disadvantages.
(Logically, keep in mind that some articles will talk about one but not the other!)

I. Write a research question about your subject:

Examples:

Which crime prevention programs are most effective at cutting down on repeat offenses of juvenile delinquents?

What are the effects of pollution on frogs in marshlands?

How did Lewis Carroll portray madness in Alice in Wonderland?

How can wireless technology improve patient care in hospitals?

II. Write down the key concepts found in your research question:

Key concepts from one of the examples:

Wireless technology, patient care, hospitals

Write 2 or 3 key concepts in your question.

III. Find Synonyms of your concepts:

Synonyms of example concepts:

Wireless technology

PCS services

Wireless lan

patient care

patient recovery

patient treatment

hospitals

clinics

emergency rooms

List synonyms to concepts in your own research question:

_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Connect Your search terms with Boolean Operators

And narrows your search:

A search for *Wireless technology and patient care and hospitals* will retrieve *only* articles about *all three* concepts.

Or broadens your search:

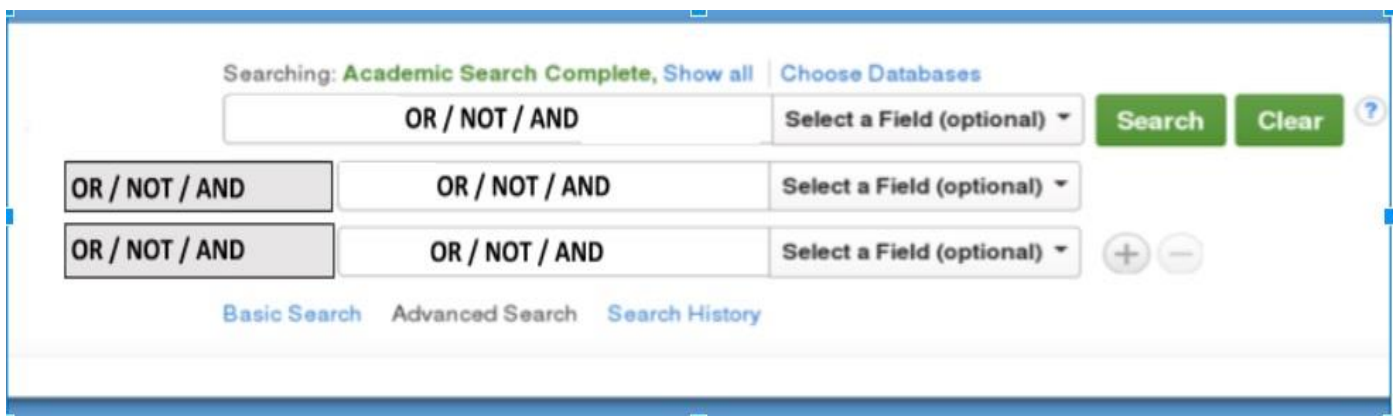
A search for *patient care or patients or medical records* will retrieve *all* articles about *any of the three* concepts.

Not eliminates results that contain a specific term:

A search for *pirates not music* will retrieve *only* articles that mention pirates *but do not* mention music.

V. Fill in the sample Search Strategy

Enter your keywords in the search boxes and circle appropriate Boolean operators to return the greatest number of relevant results about the benefits and drawbacks of AI or automation on the workforce.



The screenshot displays a search interface with the following elements:

- Search status: Searching: Academic Search Complete, Show all | Choose Databases
- Search strategy builder with three rows:
 - Row 1: Input field containing "OR / NOT / AND", a dropdown menu labeled "Select a Field (optional)", a green "Search" button, and a green "Clear" button.
 - Row 2: Input field containing "OR / NOT / AND", a dropdown menu labeled "Select a Field (optional)", and a plus sign button.
 - Row 3: Input field containing "OR / NOT / AND", a dropdown menu labeled "Select a Field (optional)", and a minus sign button.
- Navigation links: Basic Search, Advanced Search, Search History