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Assessing the Effectiveness of a Pre-Class Intervention in Establishing an Information Literacy Baseline

Adelia B. Grabowsky
Auburn University Main Campus, abg0011@auburn.edu

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Assessing the Effectiveness
of a
Pre-class Intervention
in
Establishing
an
Information Literacy Baseline

Background

- **NURS 3110**
  Theoretical Concepts of Professional Nursing

  - Paper and a poster on a health promotion topic

  - Required to have at least 5 professional sources including at least 3 peer reviewed articles

  - Library instruction on searching for the peer reviewed articles

Background

- Problem

  - Many students struggled with:
    - focusing a topic
    - picking out main concepts to search
    - selecting relevant synonyms/related terms

  How to make sure students had these basic skills before class?
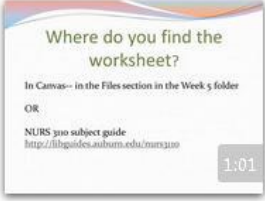
First Solution - LibGuide

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Library Instruction Tutorial for Nursing Students   Tags: distance education, library instruction, nursing

Last Updated: Jan 30, 2015 | URL: http://libguides.auburn.edu/nursil | Print Guide | RSS Updates

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Introduction - Start Here   Comments(0)   Print Page   Search: [   ] This Guide ▼ Search

Welcome

Welcome to the **Library Instruction Tutorial**

This tutorial consists of modules designed to present information literacy skills that are basic to good academic research.

You may always refer back to any module at any time.

If you use any of the modules, please consider leaving feedback about the experience on the Module 8 page.

Continue to Module 1

Comments (0)

Information Literacy Standards for Higher Education

The content of the tutorial modules are based on the Information Literacy Competency Standards for Higher Education

Contents

Module 1 – Developing Your Research Topic/Question

Module 2 – Building Your List of Keywords

Module 3 – Boolean Searching

Module 4 – Searching the Databases

Module 5 – Narrowing Your Search Results

Module 6 – Finding Full-Text

Assessment

Semester	# in class	Percentage of class who viewed:			
		Introduction	Module 1	Module 2	Module 3
			Focusing topic	Keywords/ synonyms	Boolean
Fall 2013	85	89% (n=76)	31% (n=26)	86% (n=73)	64% (n=54)
Spring 2014	73	127% (n=93)	55% (n=40)	89% (n=65)	68% (n=50)

Second Solution – Pre class video

Class Guide

NURS 3110   Tags: class guide, class guides, class_guide, nursing

Last Updated: Sep 13, 2015 | URL: http://libguides.auburn.edu/nurs3110 | 🖨 Print Guide | 📶 RSS Updates

| Home | Pre-Class Instructions | Finding subject headings | APA | Library Instruction Tutorial | Class Powerpoints | Finding Full Text |

Evaluating Health-Related Web Sources

Pre-Class Instructions   🗨 Comments(0)   🖨 Print Page   **Search:** [   ] [This Guide ▼] [Search]

Before Class

1. **(required)** Watch the pre-class video

2. (optional) If you need background information to help focus your topic check out the websites in the box below.

3. **(required)** Complete the searching worksheet. A link to the blank worksheet appears below. You must bring 2 copies of the worksheet to class. One must be a paper copy to turn in at the beginning of class and one can be either paper or electronic for you to use while searching.

4. (optional) If you have trouble completing your worksheet, you can review Modules 1 (Developing your research question), and/or 2 (Building your list of keywords) of the Library Instruction Tutorial for Nursing Students.

5. **(required)** Be sure you know how to use AND and OR in searching (Boolean searching) by completing module 3 of the Library Instruction Tutorial for Nursing Students.

📄 Pre-class worksheet

Comments (0)

Helpful websites for background information

- MedlinePlus

- Veteran's Health Administration
  Conditions and Treatments link on the left side of the page

- The World Factbook -- Vietnam

Subject Guide

Adelia Grabowsky

Contact Info
abg0011@auburn.edu
334-844-1797
Send Email

Links:
Profile & Guides

Subjects:
Communication Disorders, Nursing, Pharmacy

Worksheet

Name_____

You must hand in 1 printed copy of this completed worksheet at the beginning of class on 9/15/2015.

You need an additional copy to use as you search, that copy can be printed or saved on the computer you will be using in class.

General Topic assigned by Class Instructors

Psychological Issues

Focused topic you would like to learn more about

Main concepts of your topic (remember: each concept in your focused topic should be included, there should be no concepts listed which are not in your focused topic, each of the concepts listed should be unique)

Concept 1	Concept 2	Concept 3 (optional)	Concept 4 (optional)

Try to think of at least 2 synonyms or related terms for each concept. (Related terms may be narrower or broader than your concepts listed above.)

Synonym/related terms for concept 1	Synonyms/related terms for concept 2	Synonyms/related terms for concept 3	Synonyms/related terms for concept 4

Find one or more subject headings for each concept.
1. Go to http://www.lib.auburn.edu/find/bytitle.php#M and click on the Medline (Ebsco) database.
2. Click on MESH 2015 (in the blue toolbar at the top of the page). Enter your concept in the search box and search. Look through the results to see if any subject headings relate to your concept. Click the yellow box in the Scope column if you need a definition of the subject heading. Some concepts may not have relevant subject headings, for those place n/a in the box. If the subject heading you find is the same as your original concept or a synonym you have listed, go ahead and write it down in the subject heading box anyway.

Subject heading(s) for concept 1	Subject heading(s) for concept 2	Subject heading(s) for concept 3	Subject heading(s) for concept 4

Pre-class Worksheet Rubric

Task	2 points	1 point	0 points
Focusing topic	Able to articulate a more focused topic	Topic somewhat focused but still too broad	Topic no more focused than original topic
Picking out concepts for search	Listed all major concepts/no extra concepts or unimportant concepts listed	Some major concepts listed	No major concepts listed
Listing synonyms/related terms	All listed synonyms/related terms are relevant	Some listed synonyms/related terms are relevant	No relevant synonyms/related terms listed
Listing subject headings	All listed subject headings are relevant	Some subject headings are relevant	No relevant subject headings

Assessment

		Focused topic	Main concepts	Synonyms/ related terms	Subject headings
Fall 2014	% who got 2	94	70	88	66
Fall 2014	% who got 1	6	23	8	19
Fall 2014	% who got 0	0	7	4	16

Assessment

		Focused topic	Main concepts	Synonyms/ related terms	Subject headings
Fall 2014	% who got 2	94	70	88	66
Spring 2015	% who got 2	93	80	*	64
Fall 2014	% who got 1	6	23	8	19
Spring 2015	% who got 1	7	14	*	23
Fall 2014	% who got 0	0	7	4	16
Spring 2015	% who got 0	0	5	*	13

Assessment

		Focused topic	Main concepts	Synonyms/ related terms	Subject headings
Fall 2014	% who got 2	94	70	88	66
Spring 2015	% who got 2	93	80	*	64
Fall 2015	% who got 2	83	62	79	60
Fall 2014	% who got 1	6	23	8	19
Spring 2015	% who got 1	7	14	*	23
Fall 2015	% who got 1	16	22	13	24
Fall 2014	% who got 0	0	7	4	16
Spring 2015	% who got 0	0	5	*	13
Fall 2015	% who got 0	1	16	7	16

Lessons Learned

- Only about 2/3's of the class is able to successfully find relevant subject headings before class

- Majority of the video needs to be on focusing topic and picking out main concepts

- The instructor should send the email to students

Semester	Email sent	% of students who turned in worksheet before class started
Fall 2014	By instructor	99
Spring 2015	By librarian	60
Fall 2015	By instructor via Canvas announcement	93

Future Plans

- Video
  - Generic?
  - Animated?
  - YouTube?