

Assignment 2 Undergraduate Research

The purpose of this assignment is to get acquainted to using the resources of the library to perform undergraduate research. Essentially you are to conduct research on a technology related topic using the resources of the FSU Library, the collection of scholarly databases from the library, and the World Wide Web to produce a topic and a basic Bibliography for your research paper in Assignment #3. A sample submission is attached to these instructions.

Part 1. (5 pts) Access the resources at the FSU library at lib.fsu.edu

It is not necessary to actually go to the physical library here on campus in order to use the resources. Make sure you can access the site. On campus you should be able to directly go to <http://lib.fsu.edu> but off campus you may have to log in with your FSUID and password. In order to do this assignment you must have valid FSUID and password.

Part 2.(10 pts) Select a Topic

The course covers chapters 1-12 of the textbook. The topics covered are:

1. Digital Literacy
2. The Internet
3. Computers and Mobile Devices
4. Programs and Apps
5. Digital Safety and Security
6. Inside Computers and Mobile Devices
7. Input and Output
8. Digital Storage
9. Operating Systems
10. Communications and Networks
11. Information and Data Management
12. Information System and Program Development.

Take a few keywords from one of these chapters to use in your search for reference materials.

Part 3. (25 pts) Do the Research

The assignment will require that you use the library to do at least some of your research.

The sources must comply with the following criteria:

1. One source must be from one of the following web sites published within the last 12 months. Be careful. The article you select must actually have been published in the web site and not merely a referenced placed to another sites publication. The URL you submit must contain one of the following sites (This will be considered your primary source):
 - a. <http://www.wired.com>
 - b. <http://www.arstechnica.com>
 - c. <http://news.cnet.com/>
 - d. <http://www.computerworld.com>

2. One source must be from another Website other than the one listed as your primary source and not from Wikipedia. The source must be an article with a date and an author. There is no time limit on this source. **NOTE: Almost all publications these days can be found on a web site. For this reference the article must be primarily published on the web site. The reference you provide must be a Web Site reference and contain a URL (web site address).**
3. There must be at least two recent database articles (published within the last year) from databases provided at the FSU Library's database index (<http://www.lib.fsu.edu/>). You must go to the FSU library, select one or more databases and perform a search for your sources. The sources can be any source found using the library database.
4. You must find a book from the FSU Library Database that was published within the last 6 years. (we will only look at the year of publication) **NOTE: You may not use the course text book as one of the books.**

Part 4. (5 pts) Create Submission File

Open an MS Word Document (version 2010, 2011, or 2013) and be sure and save it as the most recent version (has a .docx extension).

1. Your name and FSUID Email .
2. The general topic that you selected (Must Be Technology Related).
3. Which required website did you use?
4. The Database(s) you searched in the library for your required database sources.
5. The bibliography References in MLA format. You may either:
 - a. Type out the bibliography manually or
 - b. Enter the bibliography information you gathered into the References/Manage sources section of MS Word and print out an automated Bibliography

Part 5. (5 pts) File Name

Save the document above using your FSU User Id as part of the file name. For instance if you FSUID is dag08t then you would include that in your file names. (Example dag08tAssgn2.docx).

Assignment Submission

From our course Web site, click **Assignments**, Find the portal for Assignment #2 Undergraduate Research. Browse and select the file you created and hit submit.

Assignments will take approximately two weeks to grade. You will be able to view your assignment grade, along with comments from your recitation instructor, by clicking **View Grades** on the Course menu, then clicking on the assignment. Once graded, assignments cannot be re-submitted.

- Be sure and check your file to make sure it is submitted properly
- Close MS Word before submitting the assignment
- Make sure it has the correct extension (.docx)
- Make sure it is not a blank document
- Make sure the document registers on blackboard. Download the assignment and check it.

Late Submission Policy

Assignments are due on or before 11:59 P.M. on the assigned due date. The time stamp assigned by The Blackboard system will be used to determine assignment date and time. Assignments will be penalized 10% of the total point value for every 24 hours late.

NOTE: Assignments that cannot be opened or read may receive a zero. Assignments submitted to the wrong portal may also receive a zero.

Sample Submission in MS Word Format Office 2010 or later (must have .docx extension)

1. Name and Email: Dr. David A. Gaitros: **dgaitros@fsu.edu**
2. Topic: **Computer Careers, Women in Computer Science**
3. Primary Website Source: **ComputerWorld.com**
4. Database(s) Used: **Academic Search Complete and JSTOR**
5. Bibliography:

Bibliography

Ernst, Jeremy V., and Aaron C. Clark. "Fundamental Computer Science Conceptual Understandings for High School Students using Original Computer Game Design." *Journal of STEM Education: Innovations & Research* 13.5 (2012): 40-5. Print.

Frauenheim, Ed. "Fewer Women in Computer Jobs these Days." *Cnet*. Oct 13, 2004 2004.Web.
<http://news.cnet.com/Fewer-women-in-computer-jobs-these-days/2100-1022_3-5408551.html>.

Grensing-Pophal, Lin. "Addressing the Challenges of Social Media in a Global Market." *EContent* 35.8 (2012): 20-5. Print.

Harris-Bowlsbey, JoAnn. "Computer-Assisted Career Guidance Systems: A Part of NCDA History." *Career Development Quarterly* 61.2 (2013): 181-5. Print.

Vijayan, Jaikumar. "Hacking courses offer cybercrooks tips on how to hone skills." *ComputerWorld*. Sept 19, 2013 2013.Web.
<http://www.computerworld.com/s/article/9242508/Hacking_courses_offer_cybercrooks_tips_on_how_to_hone_skills>.

Villegas-Quezada, Carlos, Los Santos De, and C. R. Villegas. *Assessment of Complex Abilities in Engineering Students using Structural Equation Models and Multidimensional Item Response Theory: Preliminary Results*. Newswood Limited, 2007. Print.