

Department of Computer Science and Engineering

College of Engineering, University of Nevada, Reno

**CS 709**  
**Advanced Topics on Computer Science**  
**[Software Engineering]**

**Assignment #1**

**Analysis of research papers**

September 5, 2017

<b>Due:</b>	Friday, September 15, 8:00 pm (by email) Single PDF file, named <a href="#">A1_YourLastName.pdf</a>
<b>Points:</b>	50
<b>Weight in course grade:</b>	5%

For this assignment you have to decide on a *software engineering* topic of your choice, select two related technical articles on the topic, and write critical summaries of the two articles/websites. Each summary should be between 400 and 500 words.

Indicate the selected topic's specific title (software engineering specific area, e.g., service-oriented architectures, aspect-oriented programming, automated code generation, software engineering for computer games, version control systems, adaptive software systems, software-defined networks, etc.) and provide the complete references for the articles (authors, title, volume, place of publication, date, pages) or websites (authors, company, title, URL date of access).

For each article, the summary should describe: the main goal(s) of the article, the most important ideas put forth by the authors, several details (smaller points) you find interesting in the article, and your personal views on the ideas presented.

Try to be critical yet constructive. Also, suggest ways of using in the CS 709 class some of the material covered in the articles.

The articles should be of medium size (e.g., 5 to 8 pages *Communications of the ACM* format) and should be journal articles, conference papers, or very relevant web-site white papers. Send the assignment as a single PDF file to the instructor by email at [dascalus@cse.unr.edu](mailto:dascalus@cse.unr.edu).