**ECE 4318 Power Point Presentations**

**Date:** 1/31/23, Thursday, week 7

Twenty grade points are allocated for ECE 4318 PowerPoint presentations. These can be assigned, invited, or on voluntary basis. Usually these are supposed to be group presentations; it can be individual presentations however.

Every Power Point presentation is about 5 to 7 %, with 5 to 10 slides. Every presentation is limited to **3** groups or individuals on a FCFS basis in general.

**Presentation 1** (5 to 7%): *Software programming is fun!* Talk about your programming experience, your programming expertise; the programming languages you know: C / C++/ C#/ Python etc.

**Presentation 2** (5 to 7%): Adding software to system / device etc. Think of software enabled buses, refrigerators, furniture, TV, etc.

Presentation 3 (5 to 7%): Student proposed presentations: limited to 3 groups.

Presentation 3: Documentation experience, expertise, anecdote. Engineers like to do work, but in general hate to write down. Share your experience of writing report including lab reports, essays, resumes. How about evaluating or criticizing other people’s writing? Talk about books, articles you like or you hate, technical or nontechnical. How can good documentation be done?

Presentation 4: Group or teamwork experience. How can work be done well in a group or teamwork structure. Do you have experience of something that one person can NOT do in 2 weeks but two persons can do in one week (the opposite is also true in many cases)?

Presentation 5: Top (10) areas of interest using software engineering. Find areas where software is useful or helpful; for example, weather prediction, stock market, education, medical, … etc.

Presentation 6: To (10) stories of success / failure of software companies; top (10) software products etc.

Presentation 7: IoT, Big Data related software engineering

Presentation 8 (5 to 7%): Student proposed presentations: limited to 3 groups.