



## EECE 443 : Software Project Management

*January 2014*

### **Assignment #1: Tool Purchase**

You've just been appointed the manager of a mid-size software project. It is a technical project, involving a combination of C, C++, and some GUI in Java. You have a team of 17 developers on 2 sites, and the project is going to last about a year and a half. In the early planning of the project you discover that some part of the process is not well supported by any tool. You select a tool, a tool vendor, determine the cost, and you want to get *additional* funding from the VP of Development, who is a very busy guy dealing with some 35 other projects.

Your assignment:

- Select a commercial tool that supports one aspect of software development (and its not 100% free)
- Find the cost for enough licenses of the tool to support your team of 17 for 2 years.
- Write a 275 to 325 word memo to the VP of Development (his name is Ph. Kruchten, and he's on a 3<sup>rd</sup> site) **explaining your request and justifying it.**

Your assignment should therefore fit on one side of a single sheet of paper.

Submit you assignment in PDF via Connect by Tuesday, January 21 at 1:00pm *and* place a printed copy in the mailbox located in McLeod 4<sup>th</sup> floor, between rooms MCLD422 and 426. It is an individual assignment.

It should look like this:

---

<First name + Last name>      **EECE443: Assignment #1**      <Date>  
Student #

-----

**From:** <First name + Last name>, project lead  
**To:** Philippe Kruchten, VP Development

**Re:** Purchase of <tool> for project <name>

<Your text here>