



Calvin Engineering Department Guidelines for Professionalism

Last Name: _____

First Name: _____

Student ID: _____

I have read and understand the Engineering Department Guidelines for Professionalism and agree to abide by these standards as I pursue my engineering degree. This sheet will be retained in my file for audit at the time of application to the engineering program.

Signature: _____

Date: _____



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Introduction

You are the salt of the earth. But if the salt loses its saltiness, how can it be made salty again? It is no longer good for anything, except to be thrown out and trampled by men. You are the light of the world. A city on a hill cannot be hidden. Neither do people light a lamp and put it under a bowl. Instead they put it on its stand, and it gives light to everyone in the house. In the same way, let your light shine before men, that they may see your good deeds and praise your Father in heaven.

Matthew 5:13-16

The Calvin Engineering Department is a Christian community of learning, and as such, each community member has certain responsibilities. This document defines the standards of expected behavior for a student participating in the engineering program at Calvin University. Because engineering is a profession, an effective engineer must conform to certain standards of professional behavior. Further, as a Christian engineer, you are commanded to serve as a light on a hill to everyone with whom you work. You are to reflect on and follow these standards while at Calvin, as well as throughout your career, because this is what your chosen profession, and more importantly, your God, call you to do.

Your education at Calvin will not be completed by mastering only technical skills. You must anchor these technical abilities in behaviors that reflect a life dedicated to service for the kingdom of God: demonstrating piety, integrity, and personal responsibility. Further, you are earning an engineering degree within a Liberal Arts context. This is unusual and should be a great asset. To maximize your effectiveness as an engineer (and live up to employers' expectations for Calvin University graduates), you should practice the behaviors outlined in this document as a necessary complement to your technical skills.

Summary

The expectations of an engineering student at Calvin University include:

- Personal Responsibility for Success
- Class Attendance
- Professional Homework Presentation
- Meeting Due Dates
- Academic Integrity
- Collaboration and Professional Communication
- Stewardship of Facilities
- Advising Participation
- Appropriate Use of Computing Resources

In any professional position, multiple tasks will compete for time and attention. Part of your education at Calvin includes learning to be efficient with your time by planning well and establishing priorities. Engineering work requires completing tasks by the deadlines

Group projects and reports should be based only on work done by members of your own group. You have a responsibility to contribute your fair share to the team's effort. If you have been instructed to do your own individual lab or project report, even if based on data collected as a group, then all graphs, tables, and text should be your own work only. Plagiarizing work from other sources in individual or group reports is considered academic dishonesty. Students are responsible for clarifying with the professor what aspects of a project or lab are group work and which must be completed individually.

5.3. Individual Projects and Homework

All aspects of an individual project, including computer-generated output (text, tables, graphs, figures, etc.) should be your own work unless otherwise specified. For individual projects, you should not copy any work from other students, including computer files. Protect your own work by always storing files in your personal directory, by locking your workstation if you move away, and by protecting the security of your passwords.

It is expected that all assigned homework that will be individually graded will consist of your own individual work. This is true for solutions submitted on paper and solutions implemented in a computer file. The engineering department encourages some collaboration between students to enhance student learning, particularly in order to get past a sticking point in a homework problem, to explain a difficult concept or equation, or to verify that your work is on the right track. However, copying of homework solutions obtained by a group effort is not allowed. For example, it is not appropriate to sit down with a group of students on a single computer to develop a single spreadsheet, then to hand in that same spreadsheet as your own work. It is also not appropriate to sit down with a group of students on separate computers and each develop a spreadsheet using the same formatting and equations. Individually graded work is intended to provide practice for individual students and an assessment of whether individual students understand the concepts of the course. It is up to students to ensure that submitted work is sufficiently distinctive such that it would not reasonably be judged a copy of someone else's work.

You must cite any external references that are used to complete homework assignments or projects. Failure to do so is considered plagiarism, a form of academic dishonesty. For example, use of a published homework answer key to complete a homework assignment without citing the answer key as a source could count as academic dishonesty.

6. Collaboration and Professional Communication

Engineers are expected to conduct themselves in a professional manner that is welcoming to all stakeholders and free from any form of discrimination, intimidation, harassment, or retaliation. Not only are these negative behaviors to be avoided, but engineering students should go out of their way to create a collegial, inclusive, and safe

