

Since this is a course in *computational mathematics*, there will be mandatory coding assignments **using Maple as the programming language**.

1. **SUPERVISOR TEST: Would I give this to my supervisor at work?**

These assignments should be viewed as though they are **assigned by your employer and needed to fulfill a contract with one of the company's customers**. Thus, you should take these assignments just as seriously as you would in the workplace. If you would be embarrassed to submit your project to a work supervisor, you should also be embarrassed to submit it to me. Most of you are tomorrow's engineerings, so I expect engineer-quality work from you now.

2. Because of Item (1), your program must run error-free and produce accurate results for the problem being solved.
3. **First Page:** The first page of your project must include: **1)** the project number, **2)** the names of the team members listed alphabetically by last name, and **3)** include the phrases: "MATH-305 Numerical Methods & Matrices", "Submitted to Dr. TeBeest" and the due date. A student's name appearing at the top of the project is viewed as that student's **signature** as a testimony that he/she contributed equally and fairly toward completing the **ENTIRE** project.
4. The first page and answers to all questions must be entered in **Text** mode (use Maple's T button in the toolbar). The answers should be written in complete and comprehensible sentences using proper sentence and grammar structure, correct spelling, and include units where applicable. See Item (1).
5. Begin the assignments immediately after they're assigned! If you seek my help but it is evident that you have put insufficient effort into the assignment, or if your code has many errors, then I may elect not to help until your team has made a better effort. It is the team's responsibility to work together and give its best effort to submit a well written, professional looking project that gives accurate results. See Item (1).
6. **Teams & Team-work:** Since most projects completed in the workplace are team efforts, one purpose of these projects is to help develop team-working skills and learning to resolve issues commonly associated with working with others.
  - (a) Members from different teams are **not** allowed to collaborate. Doing so will subject **both teams** to academic discipline for cheating. See the section entitled "Academic Discipline" in the Course Policy.
  - (b) **Using work submitted by students from previous terms is cheating and will be handled as stated in the "Course Policy."**
  - (c) **Compartmentalizing Projects:** Dividing the project into segments with different members working on different segments is **absolutely prohibited**. Each member shall work on and understand **every component** of each project.
  - (d) If a member does not contribute equally and fairly toward completing the entire project, then the other members should exclude the individual's name from the cover page. (In fact, including such a person's name is misrepresentation and violates the University's Code of Student Conduct.) The members are advised to provide evidence to me (preferably via emails) showing that they made efforts to include the individual(s).
  - (e) If the professor believes that a student has not contributed fairly toward completing a project (such as a student with several absences or testimony of teammates), then that student may receive a zero grade on the project, and the professor may require that student to complete subsequent **and more difficult projects** alone for failing or refusing to work with others. Teamwork is required, so this is not a means to work alone.
  - (f) **Each team member is responsible for the project submitted by the team.** Each team member is therefore responsible for **proofreading** the entire project for completeness and accuracy before it is uploaded to Blackboard.
  - (g) Under some circumstances teams might be formed or changed by the professor.

**Suspected violations of any of the above may result in my requiring an individual or individuals to answer, in a one-on-one meeting with me, questions about the submitted project. An individual's unwillingness to meet with me or inability to answer such questions may result in that individual's receiving a zero (0) on the assignment.**

7. If you come to me for help, you **must** bring the **most current version** of the program. **DO NOT EMAIL A SCREENSHOT TO ME.**
8. **I will not pre-check** your work for accuracy or completeness. That is the responsibility of each team member.

**Since these assignments help develop team-working skills, it is imperative that team members cooperate, communicate frequently, and strive to work together just as is expected in the workplace. See Item (1).**