EQUIPMENT REQUIREMENTS FOR INCOMING ENGINEERING STUDENTS

Most engineering courses require the use and programming of calculators and/or modern computer tools that are used by professional engineers in the engineering industry. Therefore, each student is required to provide for themselves the personal computing equipment that will support their coursework.

All entering freshmen and transfer students who declare an engineering major are required to provide for themselves the following equipment.

**By the start of their first semester as a Baylor engineering student:**

1) **Texas Instruments TI-89 calculator (any version, e.g. Titanium)** (no exceptions or equivalents). Please label your calculator with your name and contact information.

2) **Required software**
   Note: Office365 is available at no cost to Baylor students.
   - Microsoft Windows
   - Microsoft Office (i.e., Word, Excel, PowerPoint)

3) **Personal laptop computer**
   - The laptop must be able to connect to Baylor’s wireless (“Wi-Fi”) internet service (called “Airbear”).
   - The laptop must be capable of supporting Microsoft Windows and the simultaneous operation of the student-supplied software applications: Microsoft Office, MATLAB, Mathcad, and an internet browser (Internet Explorer, Firefox, Chrome, etc).
   - Students using MacBook laptops will be required to use the above programs within a Windows environment (either dual boot or virtual machine). Resolution of compatibility problems is solely the responsibility of the student. Unless the student already has a MacBook laptop, it is **strongly recommended** that the student acquire a Windows-based laptop.
   - Please label your laptop with your name and contact information.

**By the start of their first Spring semester as a Baylor engineering student:**

1) **Required software**
   Note: This software is not available at the Baylor Bookstore until Spring semester textbooks go on sale during the Fall semester.
   - **MATLAB** – Must be for Windows. Baylor pays for a university-wide license that includes students. You can download it [here](#) (requires Bear ID and password).
   - **Mathcad** – Windows only. A student version of this software comes packaged with the required textbook for EGR 1302. The student must purchase a **new** textbook in order to guarantee that the software is packaged with it. ([www.ptc.com](http://www.ptc.com))