Dear Engineering Technology students,

As a student in the Engineering Technology program, you will utilize computing throughout your undergraduate studies at UAH. All incoming students (freshmen or transfer) are required to have their own computers and access to a sufficient internet connection for participating in online instruction and completing assignments/projects/tests. Once you are officially enrolled as a student at UAH, you should be able to access Chargerware from my.UAH.edu and review software available for download to your personal computer. Please do not hesitate to contact the Engineering Technology Program Director if you have any questions regarding your technology needs: alisa.henrie@uah.edu, or 256.824.2130.

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RECOMMENDED MINIMUM REQUIREMENT FOR COMPUTERS
Hardware:
- CPU/Processor: Intel Core i5 or better is recommended, to include a video card like nVidia as a minimum requirement. Intel Core i7 or better with a video card like nVidia is suggested for efficient operation of CREO (for 3D modeling) and graphics rendering.
- RAM: 16 GB minimum is recommended
- Hard Drive: 250 GB HDD minimum rated at a minimum of 7200 RPM, (250 GB SSD recommended)
- Screen Resolution: 1280x80 or higher
- Wireless Network Card OR Wired Networking Card: Needed to access the Internet.
- Camera, Microphone & Speakers: Needed to Interact with Online and Hybrid classes
- Warranty: Recommend 4 years of support

Software:
- Operating System: Windows 10 or OS X and up
- Adobe Reader: 11 or newer (free download)
- Microsoft Office: Check Chargerware for Office 365 Education (free for students for both PC and MAC –note, UAH does not offer support for downloading or installation)
- Google Apps: UAH provides Google Apps for all students for email and online office tools.
- Turnitin: If you are using Turnitin through Canvas you do not need to upload a separate plugin, but you may need to adjust some settings in your browser. http://www.turnitin.com/self-service/system-requirements.html
- MATLAB: Download via Chargerware or utilize free Mathworks.com cloud based service available to UAH students with your UAH email address.
- PTC CREO: A drafting software package used in ET 302 and ET 310. Student versions are available to access in the Engineering Technology on-campus computer lab or you can download a free student version. For more detailed recommendations can be found at PTCs software usage recommendations website.

ADDITIONAL EDUCATIONAL TECHNOLOGIES
- Calculator: You will need a calculator capable of basic trigonometric functions and exponents.
- Internet Access: Students in the Engineering Technology program will need adequate Internet access to fully participate in courses, regardless of the instructional format (online, hybrid, or in-class). The minimum requirement for Internet access will allow access to Canvas, Panopto, Zoom, and any supplemental course platforms, such as Cengage, that may be required.
  - Minimum requirement: 10 Mbps connection
  - Recommended: 100 Mbps down streaming/10 Mbps upstreaming