As a student pursuing a Mechatronics Engineering major and Mathematics minor, Daniel Frideczky has found being a student worker provides a different kind of classroom education.

“I think the biggest challenge for anyone working and going to school is finding a good balance between the two with enough time to take care of yourself, too,” said Frideczky, a junior.

“Thankfully, I have a lot of flexibility as a student worker here on campus, and my supervisors have been super understanding with adjustments to my work schedule to accommodate my school schedule.”

Originally from Manchester, Tennessee, Frideczky graduated from Coffee County Central High School where he was involved in Beta, SkillsUSA, and Interact. He started work in February 2021 as a student worker helping ITD’s Client Services Classroom Technology team.

“IT work utilizes a lot of the soft skills that engineers need to have like informative speaking and troubleshooting, so I figured exercising those skills would be incredibly useful,” he said.

The work has kept him on the move throughout the spring and summer.

“Being in the classroom department of ITD, I rarely work in the same place day to day. Even in the short time I’ve worked here, I have already visited about 70 percent of the classrooms on campus for anything from simply restarting an unruly computer to running network cables through the ceiling,” he said.

Most of the work during the summer consisted of installing new computer software and helping with ITD’s inventory program, with staffers fanning out to MTSU’s 423 classrooms in 42 buildings to see if instructional technology equipment is accounted for, in working order, or in need of an upgrade or replacement.

Frideczky said the distance learning period due to the pandemic was challenging in many ways, but there was a plus side.

“As a student, I actually enjoyed being able to attend class from the comfort of my home—though some of my classes would have benefitted from staying in-person,” he said.

But in his role as a student worker, “it was jarring during those first weeks to see the campus and classrooms so empty.”

“Especially before the school began offering the vaccine, the campus felt like a ghost town in the mornings,” he said.

Now as he begins the home stretch toward graduation, his work and studies will have him back in the classroom.

See Frideczky, page 3
Accessing the internet on the MTSU campus is a bit more complicated than connecting to a home network or even a public hotspot. The process is divided into two steps: registration and assessment.

Registration
When seeking to connect to the Wi-Fi on campus, you will see one of two networks available to you—WLANMTSU and RESNETMT. In classrooms and public areas, you will see WLANMTSU. In dorm rooms you will see RESNETMT. Both will prompt you to register.

When registering, type in your Pipeline MT username (the first part of your email address) and your password. After your password is accepted, you will be prompted to type in your name and an email address. Guest access is available, but it limits access to MTSU sites and is only good for 24 hours. For some devices, such as smart phones and tablets, that is when the process ends. However, when setting up Windows-based laptops another step takes place. This leads us to assessment and remediation.

Assessment
Windows computers are a target of hackers and a lot of bad software. To keep individuals and our network safe, we use the NAC Agent assess the computers that connect to the Wi-Fi. When Windows computers attempt network access, they are prompted to download the NAC Agent. The NAC Agent works like a watchdog that makes certain a computer meets a minimum-security profile.

What that means in layman terms is that it checks to see if anti-virus software is installed, and that you have recently downloaded Windows updates. After the NAC agent is installed, it will scan your computer, and if your computer is safe, it will let you onto the network. It is that simple. If the computer fails to meet the minimum security your computer will go into remediation and a pop-up will tell you to install anti-virus software or update your version of Windows.

Apple computer owners and people running the Linux operating system will not be asked to download the NAC Agent and are held to a different standard.

Access to Wi-Fi is available in classrooms, most buildings, and some courtyards. Students living on campus are able to connect their smart devices to the network in their dorm rooms. If you have problems accessing the Wi-Fi, contact the ITD Help Desk at 615-898-5345 or by email at help@mtsu.edu.

Finding MAC addresses
To connect to the campus Wi-Fi network, it is important to know how to get to the network settings on your devices and perhaps most importantly, how to find your device’s MAC address.

Here are instructions on finding the MAC address on various devices:

**On Desktop/Laptop**

### Windows 10
1. Click on the Start button and select Settings.
2. Select Network and Internet.
3. Dependent on your connection type, choose Ethernet or Wi-Fi.
4. Select the connection.
5. Under the Properties section, look for the Physical Address (MAC) of the device.

### Windows 7/8
1. Open the Windows Command Prompt by clicking on the start menu and typing "cmd" in the search box and pressing enter.
2. In the Command Prompt, type "getmac" and press enter.
3. The MAC address will be listed under Physical Address.

See Tech Tips, page 5
Use new BlueID Online to order, manage card

The BlueID office is open in Room 112 of the Student Services and Admission Center, but you can save a trip and skip the lines.

BlueID Online is your one-stop destination for digital MTSU ID Card management. Visit [mtsu.edu/BlueID](http://mtsu.edu/BlueID) for details.

Upload your own ID photo and then receive your card in the mail or pick it up in person. Or simply request a replacement. You can manage your BlueID account. Just log in and:

- Get up-to-the-minute balances for Raider Funds, MT Dining (FlexBucks), and meal plans.
- View card transaction history in real time.
- Disable your card at any time if it’s lost.
- Enable low balance alerts via email or text for Raider Funds and FlexBucks.

You also have the ability to obtain a Virtual BlueID for your mobile device to be used with University meal plans.

ITD equipment loan program continues

ITD has a limited number of Chromebooks, Wi-Fi hotspots, and laptop computers available for students to check out on a first-come, first-served basis for use during a semester.

To make a request to borrow equipment, go to the webpage [mtsu.edu/itd/equipment-request/](http://mtsu.edu/itd/equipment-request/).

Any student who borrows equipment agrees to:

- Assume full financial liability for all equipment issued from the time of checkout until it is checked back in.
- Promptly report to the IT Help Desk any damage or problems encountered when using the borrowed equipment.
- Return all borrowed equipment to the IT Help Desk by the due date to avoid being charged for the equipment.

For more information contact the Help Desk at 615-898-5345 or [help@mtsu.edu](mailto:help@mtsu.edu).

“Currently my post-grad plans hinge on finding a good internship. The most general plan I have involves getting a master’s degree, either environmental, biomedical, or mechanical engineering, but that may change as I get more experience in the field,” Frideczky said.

Outside of work and school, he enjoys hiking and camping “when the weather permits and playing video games with my friends or attempting to draw or paint when it doesn’t.”
Follow these tips to simplify accessing and managing your student account

All admitted students have an MTSU login ID, which is your username@mtmail.mtsu.edu. This account is used for MTMail, PipelineMT, D2L, Office 365, Teams, and all other SSO-enabled applications.

Use of a student account means that the student is aware of and accepts MTSU's published policies and procedures, including:

- **Information Technology Resources Policy:** [mtsu.edu/policies/information-technology/910.php](https://mtsu.edu/policies/information-technology/910.php)
- **Email Acceptable Use Policy and Procedures:** [mtsu.edu/policies/information-technology/930.php](https://mtsu.edu/policies/information-technology/930.php)

**Password Management**

Passwords created for MTSU accounts need to meet certain standards. Your new password must be a minimum of 12 characters and must contain at least 3 of the following 4 items:

- 1 uppercase letter
- 1 lowercase letter
- 1 number (0-9)
- 1 special character such as ! $ ( ? +

In addition:

- Certain special characters are not permitted: # (pound sign), @ (commercial at), ‘ (single quote), ” (double quote), \ (black slash), space or tab.
- A dash (-) may not be used as the first character in your password.
- Your password must not contain your username or your first or last name.
- You should also avoid numbers in a sequence (12345) or letters that are next to each other on the keyboard (asdfg).
- Avoid the words "password" and "mtsu."

**Are you a new student logging in for the first time?**

You will need to have your M#, which is found in your acceptance letter or on your University ID card (BlueID). Click here to claim your account: [https://mtsu.edu/passwords/changepw](https://mtsu.edu/passwords/changepw)

**Are you a current student?**

If you forgot or want to reset your password, go to the website [passwordreset.microsoftonline.com/](https://passwordreset.microsoftonline.com/).

### Student Applications

**▶ Pipeline MT**

PipelineMT is used to access the University’s secure management portal. Through the [PipelineMT portal](https://mtsu.edu/policies/information-technology/930.php) you can register for classes, manage financial aid, and edit your personal information.

**▶ MTSU Email**

To access your student MTMail account go to [mtsu.edu/email/index.php](https://mtsu.edu/email/index.php) and see Frequently Asked Questions.

**▶ Desire2Learn (D2L)**

Desire2Learn, aka Brightspace, is a Learning Management System where students will find online and hybrid courses. This platform allows you to access your classes 24 hours a day, giving you the flexibility to review lectures, read course material, and complete assignments at a time that works for you.

Participate in online discussions, submit assignments, and take quizzes through D2L. You can also use D2L to send course notifications and announcements straight to your cell phone or personal email to ensure you are always informed.

**▶ Microsoft 365**

Microsoft 365 with Office apps including Outlook, Word, Excel, PowerPoint, Teams and other cloud-based software can be accessed at [https://portal.office.com/myapps](https://portal.office.com/myapps).

If you have questions or problems call the Information Technology Help Desk at 615-898-5345 or by email at help@mtsu.edu.

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**Student Technology Handbook available online**

A digital version of the 2021–22 Technology Handbook for students is available on the ITD website.

Go to [mtsu.edu/itd](http://mtsu.edu/itd) and look in Publications section for the handbook for students link.
MacOS
1. Open System Preferences from the Apple menu.
2. Click on Network.
3. Select your currently active network connection from the left menu (Wi-Fi, Ethernet, etc.) and then click on Advanced in the lower right corner.
4. Look at the bottom of the window for Wi-Fi Address. This is the machine’s MAC address.

ChromeOS
1. If you haven’t yet, sign in to your Chromebook.
2. At the bottom right, select the time.
3. Select the Wi-Fi network.
4. At the top of the box, select Information.
5. You’ll see your Chromebook’s IP address and IPv6 address. Your MAC address is labeled Wi-Fi.

On Mobile/Tablet
Android
1. Locate and tap the Settings app.
2. Scroll to find, then tap About Device (on some phones it will say About Phone).
3. Tap Status.
4. The MAC address is listed under WiFi Address.

iOS
1. From a Home screen on your Apple® iPhone®, navigate: Settings > General.
   (If an app isn’t available on your Home screen, swipe left to access the App Library.)
2. Tap About.
3. View the MAC address (displays in the Wi-Fi Address field).

Gaming Consoles
Xbox One/Series X
1. Press the Xbox button to open the guide.
2. Select Settings > Network.
3. Select Advanced Settings.
4. Your Wireless MAC address is listed there.

PlayStation 4/5
1. Locate the Settings icon on your Dashboard toolbar.
2. Select the System icon from the list.
3. Choose System Information from the toolbar.
4. You should see your console’s wireless MAC address.

Nintendo Switch
1. Select System Settings from the HOME Menu.
2. Scroll down through the menu and select Internet.
3. The MAC address will be listed under System MAC Address.

TV/Streaming
Roku
1. Go to the Roku Home screen.
2. Select Settings and press the OK button.
3. Select System and press the OK button.
4. Select About and press the OK button.
5. The Wired and Wireless MAC addresses are listed there.

Apple TV
1. Go to the main menu on your Apple TV and select Settings.
2. In the Settings Menu, select About.
3. Here you can find your MAC address listed as the Wireless ID.

Amazon Fire TV/Fire TV Stick
1. From the Fire TV or Fire TV Stick’s home screen, scroll down to Settings.
2. Next, scroll to the right and select System.
3. Next, scroll down to and select About.
4. Next, scroll down to Network. Your Fire TV or Fire TV Stick’s MAC address will be listed on the right.

Chromecast
1. On the mobile device from which you manage your Google home products, open the Google Home app.
2. Tap your Chromecast device > Settings > Device Information.
3. Under Technical Information, check your MAC address.