

## Using Two-Step without Wi-Fi

2019-06-10 - Taylor Kahny - Canvas

### No Wi-Fi? No Problem

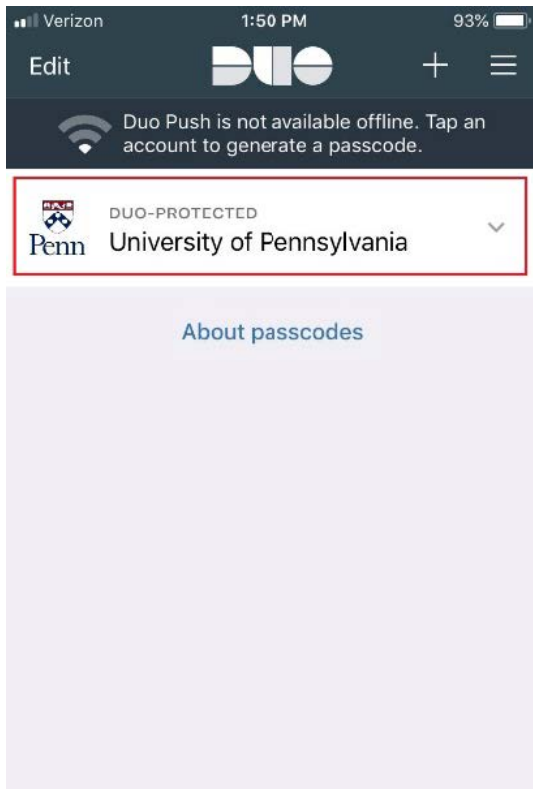
Poor signal strength is never ideal. Whether you are traveling in airplane mode, surrounded by skyscrapers, or in a basement with spotty connection, your environmental conditions can make academic and professional tasks difficult to complete. However, there are certain applications that can function in the absence of Wi-Fi or cellular service, and Duo mobile is one of them. When using Two-Step in your classes at Penn, remember that there are ways to complete the verification process when service is weak.

### Using Two-Step Verification without Wi-Fi or Cellular Service

Two-Step allows you to securely access your data, even if your Two-Step verification device isn't connected to Wi-Fi or a cellular network. Use the provided instructions below to utilize two of several available options.

#### **Option 1: The Duo app on your device can generate six-digit verification codes without a real-time Wi-Fi or cellular connection.**

To generate a code, open the Duo app on your mobile device and tap to expand the "University of Pennsylvania" dropdown. A six-digit code will display, as shown below. Enter this code on the Two-Step page in your browser.



### Option 2: Print a list of 20 pre-generated passcodes to use for Two-Step Verification.

If you do not have the Duo app on your mobile device, you can pre-generate and print codes from the Two-Step website at <https://twostep.apps.upenn.edu/>. After logging in to the website using PennKey, click Manage Settings as shown below.



Penn WebLogin: Two-Step Verification

## Two-Step Verification

Protect your PennKey by using both your password and a verification code generated on your phone or device.

ENROLL NOW

MANAGE SETTINGS

I AM HAVING TROUBLE LOGGING IN

[Learn more about Two-Step Verification](#)

### To use your passcodes after printing:

1. Log in with your PennKey and password.

2. When prompted, enter a passcode in your browser.
3. Each code works one time and must be used in consecutive order (cross them out as you use them!)

*If you lose your codes, you can log in to <https://twostep.apps.upenn.edu/> again, click "Manage settings," and generate a new list. Note that you'll need access to your primary or back up Two-Step device to generate a new set of codes.*

For more information, visit the Two-Step Verification FAQ page:

<https://www.isc.upenn.edu/how-to/two-step-faq>