

CipherLab

Join the CERIAS-Student Association for an all-level hands-on lab where we will demonstrate how to program a cipher using Python. At the end of the lab, you'll be more familiar with the concept of ciphers and how to write the code for them using Python. No prior experience necessary! The more you learn, the better. For upper level students, we'll have an intermediate version available that will challenge your skills.

Please follow the [CipherLab: PreLab Instructions](#) on setting up your laptop environment before the lab.

When: February 11, 2016 from 6 to 8 pm with breaks

Where: Knoy B019

[CipherLab: PreLab Instructions](#)

Bonus: Chris Gutierrez and Jeff Avery, who work with Dr Spafford in the Deception Lab, will start the event with a brief on their lab and a spot they'd like to extend to an undergrad or master's student who is interested in working on their website and resources. For more information about the lab group, see <https://www.cerias.purdue.edu/site/deception>, and watch the CERIAS-SA email list for a written announcement about the opportunity.

CipherLab Files:

- [slides](#)
- [handout](#) (will be printed!)
- [caesar-lab.py](#) – lab file (solution file [here](#))
- [vigenere-lab.py](#) – lab file (solution file [here](#))
- challenge: decrypt [this caesar-cipher text](#) with no key provided
- challenge: tell me the keylength for [this vigenere-cipher text](#)