

Project Materials

Your Acoustic Modem project report is due Tuesday, 5/11, 11:59pm.

You can work solo or in 2-person teams. Remember to include your solo/team info on the Project Solo/Team Signup doc, located in the Acoustic Modem Project module on canvas.

If you and your teammate are in ***Different household groups, you must follow all distancing/interaction rules.***

Feel free to reach out if you have questions; glad to help! Please provide your code and data files if you have any questions.

Here's the Project Overview/Description: [ESA Signals Acoustic Modem Project.pdf](https://olin.instructure.com/courses/263/files/34387?wrap=1)

[_](https://olin.instructure.com/courses/263/files/34387?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34387/download?download_frd=1)

Matlab scripts:

[modem_tx.m](https://olin.instructure.com/courses/263/files/34388?wrap=1) [_](https://olin.instructure.com/courses/263/files/34388?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34388/download?download_frd=1)

[modem_rx_starter.m](https://olin.instructure.com/courses/263/files/34389?wrap=1) [_](https://olin.instructure.com/courses/263/files/34389?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34389/download?download_frd=1)

[short_modem_rx.mat](https://olin.instructure.com/courses/263/files/34392?wrap=1) [_](https://olin.instructure.com/courses/263/files/34392?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34392/download?download_frd=1)

[long_modem_rx.mat](https://olin.instructure.com/courses/263/files/34393?wrap=1) [_](https://olin.instructure.com/courses/263/files/34393?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34393/download?download_frd=1)

[find_start_of_signal.m](https://olin.instructure.com/courses/263/files/34394?wrap=1) [_](https://olin.instructure.com/courses/263/files/34394?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34394/download?download_frd=1)

[BitsToString.m](https://olin.instructure.com/courses/263/files/34390?wrap=1) [_](https://olin.instructure.com/courses/263/files/34390?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34390/download?download_frd=1)

[StringToBits.m](https://olin.instructure.com/courses/263/files/34391?wrap=1) [_](https://olin.instructure.com/courses/263/files/34391?wrap=1) 

[_](https://olin.instructure.com/courses/263/files/34391/download?download_frd=1)

Good luck - and have fun implementing the receiver + decoding messages!