# Lectures

## Introduction to EOSC 350: Environmental, Geotechnical and Exploration Geophysics

*September 07, 2016*

* [Intro 350 lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/a_Intro_350.pdf)

## Introduction to Applied Geophysics

*September 09, 2016*

* [Intro to applied geophysics lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/b_Intro_to_applied_geophysics.pdf)

## Magnetics 1

*September 14, 2016*

* [Magnetics lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/3_Magnetics.pdf)

## Magnetics 2

*September 16, 2016*

* [Magnetics lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/3_Magnetics.pdf)
* [Jupyter notebook: InducedMag2D.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/Mag/InducedMag2D.ipynb)

## Magnetics 3

*September 19, 2016*

* [Magnetics lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/3_Magnetics.pdf)
* [Jupyter notebook: InducedMag2D.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/Mag/InducedMag2D.ipynb)

## Magnetics 4

*September 21, 2016*

* [Magnetics lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/3_Magnetics.pdf)
* [Jupyter notebook: InducedMag2D.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/Mag/InducedMag2D.ipynb)

## Magnetics 5

*September 23, 2016*

* [Magnetics lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/3_Magnetics.pdf)
* [Jupyter notebook: InducedMag2D.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/Mag/InducedMag2D.ipynb)

## Magnetics 6

*September 28, 2016*

* [Magnetics lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/3_Magnetics.pdf)

## Seismic 1

*September 30, 2016*

* [Seismology lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/Seismology.pdf)
* [App](https://mybinder.org/v2/gh/geoscixyz/gpgLabs/main?filepath=notebooks%2Fseismic%2FSeis_Refraction.ipynb)

## Seismic 2

*October 03, 2016*

* [Seismology lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/Seismology.pdf)
* [App](https://mybinder.org/v2/gh/geoscixyz/gpgLabs/main?filepath=notebooks%2Fseismic%2FSeis_Refraction.ipynb)

## Seismic 3

*October 05, 2016*

* [Seismology lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/Seismology.pdf)

## Seismic 4

*October 07, 2016*

* [Seismology lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/Seismology.pdf)

## Seismic 5

*October 12, 2016*

* [Seismology lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/Seismology.pdf)
* [Jupyter notebook: SeismicNMOapp.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/Seismic/NMO/SeismicNMOapp.ipynb)

## GPR

*October 24, 2016*

* [2016 lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/GPR_2016.pdf)

## Electromagnetics 1

*November 07, 2016*

* [EM lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/5_EM.pdf)

## Electromagnetics 2

*November 09, 2016*

* [EM lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/5_EM.pdf)
* [Jupyter notebook: ResponseFct.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/EM/ResponseFct/ResponseFct.ipynb)

## Electromagnetics 3

*November 14, 2016*

* [EM lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/5_EM.pdf)
* [Jupyter notebook: ResponseFct.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/EM/ResponseFct/ResponseFct.ipynb)

## DC Resistivity 1

*November 18, 2016*

* [Jupyter notebook: DCLab.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/DC/DCLab.ipynb)

## DC Resistivity 2

*November 21, 2016*

* [DC Resistivity lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/9_DC_Resistivity.pdf)
* [Jupyter notebook: DCLab.ipynb](http://mybinder.org/repo/ubcgif/gpgLabs/notebooks/DC/DCLab.ipynb)

## Induced Polarization

*November 23, 2016*

* [IP lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/IP.pdf)

## EM Wrap Up

*November 28, 2016*

* [EM lecture slides](https://storage.googleapis.com/simpeg/eosc350lectures/5_EM.pdf)

## Final Lecture

*December 02, 2016*