

Syllabus for FNT705 FinTech Analytics

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

FNT 705, FinTech Analytics, covers financial data technologies, financial data visualization, and developing financial analytics applications using current analytics software tools.

Prerequisite(s)

None.

Course Outcomes

Upon completing this course, you will be able to do the following:

- Use database technologies for working with financial data.
- Create visualizations of financial data and metrics for various FinTech use cases.
- Develop financial analytics applications and visualizations using languages such as Python and R.

Course Requirements/Components

Readings/Viewings

Readings are made available through the Google Colab platform. Other provided resources are optional.

Exercises

The exercise assessments provide you with the opportunity to apply the skills and knowledge required for the successful completion of the course. Refer to the course calendar for all due dates.

Module Project

Each module ends with a project where you will have the opportunity to practice applying the knowledge and skills gained from the lessons.

Final Project

The goal of the final project is to deeply understand and communicate a current topic in FinTech. In this final project, you will have the chance to use the techniques and models learned in this course and evaluate trading strategies on stocks or cryptocurrencies.

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Grade	Percentage Range
A	90% - 100%
B	80% - 80%

C	70% - 79%
F	< 70%

Assignment	Percent
Exercises (14)	42%
Module Projects (4)	36%
Final Project (3)	22%
Total	100%