Syllabus Template

The NYU SPS Syllabus Template contains 12 sections:

1. [Course Title](#bookmark=id.qjet3sp9bqk4) 
2. [General Course Information](#bookmark=id.a6wzg5ed4i34)
3. [Description](#bookmark=id.7mrk3kmd7hcg) **
4. [Prerequisites](#bookmark=id.vf9ofadcoe16) 
5. [Learning Outcomes](#bookmark=id.40qyr265vs3a) 
6. [Communication Methods](#bookmark=id.84qj06uu00g6)
7. [Structure | Method | Modality](#bookmark=id.1sl192fputdu)
8. [Expectations](#bookmark=id.e43u4q6mt2zt)
9. [Textbooks and Course Materials](#bookmark=kix.i8h734s4y3da)
10. [Grading | Assessment](#bookmark=kix.qk21k6k9a4l)
11. [Course Outline](#bookmark=kix.7d51gs32csi3)
12. [NYU SPS Policies](#bookmark=id.rxirdoyylwp5) 

The **guidelines, sample text,** and **instructions** in the syllabus template are intended to help you create a learner-centered syllabus. Modify the **content** according to your Academic Program requirements.

Special Topics: Text Data Mining

MASY1-GC 5000-Section #| Fall 2022 | Start/End Dates (dropdown) | 3 Credits

Modality: Choose a Modality (dropdown).

Course Site URL: Enter text.

# General Course Information

**Name/Title:** Click or tap here to enter name., Enter your title.,Pronouns (dropdown).

**NYU Email:** Click or tap here to enter NYU email.

**Class Meeting Schedule:** Start/End Dates (Drop-down) / Time (dropdown)

**Class Location:** Choose a location (dropdown).

**Office Hours:** Indicate days/times (including time zone), method (e.g., NYU Zoom, NYU Google Meet, location, etc.), and how to arrange appointments.

# Description

This seminar will enhance the curriculum by identifying, analyzing, and applying special topics pertinent to the Management and Systems degree. The specific titles and content of each seminar will change to reflect emerging areas of interest, which can only be determined at the time of offering. The course may be used to satisfy the elective degree requirement. Applicability to specific concentrations will be noted in the course schedule and is at the department’s discretion.

This course will cover the primary techniques for mining and analyzing text data to discover interesting patterns, extract practical knowledge, and support decision-making, emphasizing statistical approaches that can be generally applied to arbitrary text data in any natural language with no or minimum human effort. Detailed analysis of text data requires an understanding of natural language text, which is a difficult task for computers. However, several statistical approaches have been shown to work well for the "shallow" but robust analysis of text data for pattern finding and knowledge discovery. You will learn the basic concepts, principles, and major algorithms in text mining and their potential applications.

This course describes a range of business opportunities and solutions centered around the use of text. It also identifies sources of competitive intelligence in text and provides solutions for parsing and storing incoming knowledge. It is based on the merging technology of natural language processing. It uses real-world case studies, and the course provides examples of the most useful statistical and machine learning techniques for handling text, semantic, and social data. We then describe how and what you can infer from the data and discuss practical approaches for visualizing and communicating the results to decision-makers.

# Prerequisites

1210 – Quantitative Models for Decision Makers

1240 – Information Technology and Data Analytics

# Learning Outcomes

At the conclusion of this course, students will be able to:

* Construct applications using unstructured data like news articles and tweets.
* Apply machine learning classifiers to categorize documents by content and author.
* Practice using document similarity and topic models to work with large data sets.
* Visualize and interpret text analytics, including statistical significance testing.
* Perform sentiment analysis of product reviews and social media postings.

# Communication Methods

Sample Text

Be sure to turn on your [NYU Brightspace notifications](https://www.nyu.edu/servicelink/KB0018507) and frequently check the “Announcements” section of the course site. This will be the primary method I use to communicate information critical to your success in the course. To contact me, send me an email. I will respond within 24 hours.

Credit students must use their NYU email to communicate. Non-degree students do not have NYU email addresses. Brightspace course mail supports student privacy and FERPA guidelines. The instructor will use the NYU email address to communicate with students. All email inquiries will be answered within 24 hours.

Students have the opportunity to add their pronouns, as well as the pronunciation of their names, into Albert. Students can have this information displayed to faculty in Albert, Brightspace, and other NYU systems. Students can also opt out of having their pronouns viewed by their instructors.

<https://www.nyu.edu/students/student-information-and-resources/registration-records-and-graduation/forms-policies-procedures/change-of-student-information/pronouns-and-name-pronunciation.html>

# Structure | Method | Modality

Sample Text

There are 15 session topics in this course. The session topics are organized into three (3) areas of study: 1) History, 2) Learning Principles, and 3) Instructional Design in Practice.

Active learning experiences and small group projects are key components of the course. Assignments, papers, and exams will be based on course materials (e.g., readings, videos), lectures, and class discussions. Course sessions will be conducted synchronously on NYU Zoom, which you can access from the course site in [NYU Brightspace](https://brightspace.nyu.edu/).

This course is Online (Sy) and will meet twice a week on Tuesday and Thursday, with assignments, announcements and emails being sent through Brightspace. Zoom is the remote instruction platform used at NYU. Students are expected to check email and/or Brightspace at least twice a week for announcements concerning assignments, class changes or cancellations, and other important information. The course will involve lecture/discussions/forum discussions as well as case studies. Two major papers/projects are required that will both be done on an individual basis.

# Expectations

## Learning Environment

You play an important role in creating and sustaining an intellectually rigorous and inclusive classroom culture. Respectful engagement, diverse thinking, and our lived experiences are central to this course and enrich our learning community.

## Participation

You are integral to the learning experience in this class. Be prepared to actively contribute to class activities, group discussions, and work outside of class.

## Assignments and Deadlines

## Course Technology Use

We will utilize multiple technologies to achieve the course goals. I expect you to use technology in ways that enhance the learning environment for all students. All class sessions require use of Zoom.All class sessions require use of technology (e.g., laptop, computer lab) for learning purposes.

**IT Service Desk**

(212)-998-3333

24 hours a day, 7 days a week

Email: [AskIT@nyu.edu](mailto:AskIT@nyu.edu)

**Zoom Support**

* [NYU Zoom Guide for Students](https://nyu.service-now.com/servicelink/search_results.do?sysparm_document_key=kb_knowledge,bd4d4732dbf34f008fd2a2364b961964&sysparm_search=zoom)
* Make sure you are using [NYU Zoom](https://www.nyu.edu/life/information-technology/communication-and-conferencing/meetings-chat-conferencing/nyu-zoom.html) to log-in for class
* Check the [NYU Zoom site](https://t.e2ma.net/click/pvdgzd/148ffmn/lccv1i) often for updates. (To update Zoom, you can also open from your desktop and click menu, then “Check for Updates.”)

**Brightspace Support**

* Log-in to the [Brightspace](https://brightspace.nyu.edu/d2l/home)platform or visit the [Student Training](https://www.nyu.edu/life/information-technology/instructional-technology-support/instructional-technology-tools-and-services/nyu-lms-brightspace/student-training-lms-brightspace.html) website.
* Video on how to [Navigate the Bright Space Learning Environment](https://youtu.be/aYXbSBZ-VxI)

## Feedback and Viewing Grades

I will provide timely meaningful feedback on all your work via our course site in NYU Brightspace. You can access your grades on the course site Gradebook.

## Attendance

I expect you to attend all class sessions. Attendance will be taken into consideration when determining your final grade. Refer to the [SPS Policies and Procedures page](https://www.sps.nyu.edu/homepage/student-experience/policies-and-procedures.html) for additional information about attendance.

Excused absences are granted in cases of documented serious illness, family emergency, religious observance, or civic obligation. In the case of religious observance or civic obligation, this should be reported in advance. Unexcused absences from sessions may have a negative impact on a student’s final grade. Students are responsible for assignments given during any absence.

Each unexcused absence or being late may result in a student’s grade being lowered by a fraction of a grade. A student who has three unexcused absences may earn a Fail grade.

University Calendar Policy on Religious Holidays:

<https://www.nyu.edu/about/policies-guidelines-compliance/policies-and-guidelines/university-calendar-policy-on-religious-holidays.html>

Students who join the course during add/drop are responsible for ensuring that they identify what assignments and preparatory work they have missed and complete and submit those per the syllabus.

# Textbooks and Course Materials

List required and recommended resources. Be sure to include the following information for each:

* Author, Year, Edition, ISBN Numbers, Price
* Course Packet
* Link to online textbooks (if available) and open education resources

*Students can purchase these items through the NYU Bookstore.*

* **Required:**
* **Recommended:**

# Grading | Assessment

Sample Text

Your grade in this course is based on your performance on multiple activities and assignments. Since all graded assignments are related directly to course objectives and learning outcomes, failure to complete any assignment will result in an unsatisfactory course grade. All written assignments are to be completed using APA format and must be typed and double-spaced. Grammar, punctuation, and spelling will be considered in grading. Please carefully proof-read your written assignments before submitting them for a grade. I will update the grades on the course site each time a grading session has been completed— typically three (3) days following the completion of an activity.

**DESCRIPTION** **PERCENTAGE**

Assigned Activities (total of X) 20%

Quizzes (total of X) 20%

Participation 10%

Midterm Project 25%

Final Exam 25%

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_

TOTAL POSSIBLE 100%

*See the* [*“Grades” section of Academic Policies*](https://www.sps.nyu.edu/homepage/student-experience/policies-and-procedures.html#Graduate1) *for the complete grading policy, including the letter grade conversion, and the criteria for a grade of incomplete, taking a course on a pass/fail basis, and withdrawing from a course.*

**Course Outline**

# Course Outline

**Start/End Dates:** Start/End Dates (dropdown)

**Time:** Time (dropdown)

**No Class Date(s):** Choose an item.

**Special Notes:** Choose an item.

#### Session 1 - Click or tap to enter a date.

**Topic Description:**



**Assignments:**

#### Session 2 – Click or tap to enter a date.

**Topic description** –



**Assignments:**



#### Session 3 – Click or tap to enter a date.

**Topic description** –

**Assignments:**

#### Session 4 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 5 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 6 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 7 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 8 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 9 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 10 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 11 – Click or tap to enter a date.



#### Session 12 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 13 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



#### Session 14 – Click or tap to enter a date.

**Topic description –**

**Assignments:**



Sample Course Outline

Week 1, September 7, 2022

Topic: The Instructional Design Model

Description: The emergence of instructional design as an area of study.

Assigned Readings:

* Chapters 2, 3, and 4 in Training Design and Delivery (estimated time: 1.5 hours)
* “Instructional Design Model: What is it and Why Use it?” - <https://www.lib.purdue.edu/sites/default/files/directory/butler38/ADDIE.pdf>

Discussion:

* How do learning theories impact instructional design work?

Assignment(s):

* Complete Week 1 Assignment, Critical List exercise Due on 9-14-2022
* Complete Plus/Delta Assignment Due on 10-20-2022
* Complete Week 1 Quiz Due on 10-20-2022

Additional Recommended/Optional Resources:

* [Instructional Designer | What I do & how much I make | Part 1 | Khan Academy (7:52)](https://www.youtube.com/watch?v=N5K5axz_8Ws)

\*Include these statements regarding changes to the syllabus and IDBEA at the end of the Course Outline section:

**NOTES:**

The syllabus may be modified to better meet the needs of students and to achieve the learning outcomes.

The School of Professional Studies (SPS) and its faculty celebrate and are committed to inclusion, diversity, belonging, equity, and accessibility (IDBEA), and seek to embody the IDBEA values. The School of Professional Studies (SPS), its faculty, staff, and students are committed to creating a mutually respectful and safe environment (*from the* [*SPS IDBEA Committee*](https://www.sps.nyu.edu/homepage/about-us/idbea/about-idbea.html)).

# New York University School of Professional Studies Policies

1. Policies - You are responsible for reading, understanding, and complying with [University Policies and Guidelines](http://www.nyu.edu/about/policies-guidelines-compliance.html), [NYU SPS Policies and Procedures](http://sps.nyu.edu/academics/academic-policies-and-procedures.html), and [Student Affairs and Reporting](https://www.nyu.edu/about/policies-guidelines-compliance/policies-and-guidelines/student-services.html).

2. Learning/Academic Accommodations - New York University is committed to providing equal educational opportunity and participation for students who disclose their dis/ability to the [Moses Center for Student Accessibility](https://www.nyu.edu/students/communities-and-groups/student-accessibility.html). If you are interested in applying for academic accommodations, contact the [Moses Center](https://www.nyu.edu/students/communities-and-groups/student-accessibility/academic.html) as early as possible in the semester. If you already receive accommodations through the Moses Center, request your accommodation letters through the [Moses Center Portal](https://www.nyu.edu/students/communities-and-groups/student-accessibility.html) as soon as possible ([mosescsa@nyu.edu](mailto:mosescsa@nyu.edu) | 212-998-4980).

3. Health and Wellness - To access the University's extensive health and mental health resources, contact the [NYU Wellness Exchange](https://www.nyu.edu/students/health-and-wellness/wellness-exchange.html). You can call its private hotline (212-443-9999), available 24 hours a day, seven days a week, to reach out to a professional who can help to address day-to-day challenges as well as other health-related concerns.

4. Student Support Resources - There are a range of resources at SPS and NYU to support your learning and professional growth. For a complete list of resources and services available to SPS students, visit the [NYU SPS Office of Student Affairs site](https://www.sps.nyu.edu/homepage/student-experience/resources-and-services.html).

5. Religious Observance - As a nonsectarian, inclusive institution, NYU policy permits members of any religious group to absent themselves from classes without penalty when required for compliance with their religious obligations. Refer to the [University Calendar Policy on Religious Holidays](https://www.nyu.edu/about/policies-guidelines-compliance/policies-and-guidelines/university-calendar-policy-on-religious-holidays.html) for the complete policy.

6. Academic Integrity and Plagiarism - You are expected to be honest and ethical in all academic work. Moreover, you are expected to demonstrate how what you have learned incorporates an understanding of the research and expertise of scholars and other appropriate experts; and thus recognizing others' published work or teachings—whether that of authors, lecturers, or one's peers—is a required practice in all academic projects.

Plagiarism involves borrowing or using information from other sources without proper and full credit. You are subject to disciplinary actions for the following offenses which include but are not limited to cheating, plagiarism, forgery or unauthorized use of documents, and false form of identification

[Turnitin](https://www.nyu.edu/servicelink/KB0018471), an originality detection service in NYU Brightspace, may be used in this course to check your work for plagiarism.

Read more about academic integrity policies at the NYU School of Professional Studies on the [Academic Policies for NYU SPS Students](https://www.sps.nyu.edu/homepage/student-experience/policies-and-procedures.html) page.

7. Use of Third-Party Tools - During this class, you may be required to use non-NYU apps/platforms/software as a part of course studies, and thus, will be required to agree to the “Terms of Use” (TOU) associated with such apps/platforms/software.

These services may require you to create an account but you can use a pseudonym (which may not identify you to the public community, but which may still identify you by IP address to the company and companies with whom it shares data).

You should carefully read those terms of use regarding the impact on your privacy rights and intellectual property rights. If you have any questions regarding those terms of use or the impact on the class, you are encouraged to ask the instructor prior to the add/drop deadline.