FIN 3000 **Principles of Finance**	
Course Description	This course provides students with a rigorous introduction to the fundamental principles of finance. The primary concepts covered include the time value of money, principles of valuation and risk, and the nature and characteristics of domestic and international financial securities and markets. Specific applications include the valuation of debt and equity securities and capital budgeting analysis. Prerequisite: ECO 1001, ECO 1002, STA 2000, and ACC 2101 **Credits: 3**
Instructor:	Shajan Ninan
Email:	Shajanninan@gmail.com
Classroom:	B - Vert 3-160
Office hours	Office hours by appointment.
Term	Fall 2024
Phone:	516-987-1656
Class Time	7:50 am - 10:45 am
Class Days	Fridays
Notice	This course syllabus is subject to change.

Course Learning Goals	
Time Value of Money	Students will understand how compounding and discounting concepts are utilized when calculating the value of money. Students then will be able to estimate the prices of bonds and stocks.
Risk and Return	Students will understand the concept and measurement of risk. Students will study the relationship between risk and return of assets.
Characteristics of Domestic and International Financial Securities and Markets	Students will understand the key characteristics of different financial securities and markets across different countries. Students will be able to identify security types based on the characteristics given.

Assurance of Learning	
Analytical Skills	Students will possess the analytical and critical thinking skills to evaluate issues faced in business and professional careers.
Technological Skills	Students will possess the necessary technological skills to analyze problems, develop solutions, and convey information.
Communication Skills: Oral	Students will have the necessary oral communication skills to convey ideas and information effectively and persuasively.
Communication Skills: Written	Students will have the necessary written communication skills to convey ideas and information effectively and persuasively.
Civic Awareness and Ethical Decision-making	Students will have the knowledge base and analytical skills to guide them when faced with ethical dilemmas in business. Students will be aware of political, civic, and public policy issues that affect business.
Global Awareness	Students will know how differences in perspectives and cultures affect business practices around the world.
Proficiency in a Single Discipline	Students will possess a deep understanding of and intellectual competence in at least one business discipline.

BBA Majors: Finance	
Corporate Finance	Students will develop an understanding of the key concepts of time value of money, corporate finance models for project valuation, and basic capital structure and dividend theory.
Investments	Students will be able to define and calculate standard risk and return measures, value simple equity and bonds securities, and explain the modern portfolio theory and the capital asset pricing model.
Derivatives	Students will understand the basic applications of derivatives in investments and corporate finance and will be able to discuss the characteristics of derivative products.
Data Analysis	Students will be able to analyze data and estimate models for project valuation to support business decisions

Required Materials	
Text Book	(Baruch College) Principles Finance FIN 3000 Selected Chapters Connect 11th edition. This custom edition book is available at: https://www.mheducation.com/highered/custom/product/1266629432.html The bookstore also carries the custom edition. This edition (including a bundle of Connect access and loose-leaf textbook) is around $68 before tax and shipping. You do not need the "fancy" complete version, which ranges from $130 to $200 depending on the choice of either print book or e-book. The book contains an activation code to Connect, the online tool we will use throughout the semester. The register link for this class is: https://connect.mheducation.com/class/s-ninan-fin3000-f2024-neta Registration will start on August 25, 2024. Copy and paste this address to your web browser. You should see a large "Welcome" sign on the left. On the right, there should be (from top to bottom) the book name, instructor (make sure it is me, Shajan Ninan), book image, and information (remember this book looks a little different than the one you will purchase). Then you should see "Enter your email to join this class:." Simply input your email address (Baruch email accounts are preferred) and hit "BEGIN" to proceed to the create account step. Please create the account based on your true information (I need this information to upload your grade on Blackboard). Without the activation code, you can use this website for a short period of time. After you have received the textbook, you can input the activation code, and you will have access to this course for the whole semester.
Calculator	A financial calculator is necessary for this class. We will have quantitative financial questions that require the use of a financial calculator. Texas Instruments BA II Plus is the best choice (You do not need to buy the professional version). I will show you how to use this calculator in class. You **MUST** bring your own financial calculator to exams. If you are not willing to purchase a financial calculator or you forget it on an exam day, remember that the calculators are available to borrow from the library. **I will not lend you a calculator on an exam day.**

Course Structure and Policies	
Class Sessions	Class sessions combine • Topic lectures • Problem-solving
Homework	Homework will be assigned on *Connect*. Each homework is offered with two trials. You can work either individually or with your classmates. Remember you must submit your answers to receive the credit. **Late homework will not be accepted. No extensions will be given.**
Excel Project	See Appendix A for details.
Exam Policies	1. Midterms will be given in-class online. There will be two midterms. Midterms will not be cumulative and will be related to recent studies. Each midterm accounts for 25% of your grade. Each midterm is 1 hour and 15 minutes. 2. Final exam will be cumulative. It will account for 30% of your grade. Final will be departmental. See Appendix B for specific topics. 3. Exams will be given in different versions. 4. Exams will be in closed-book fashion. You only need to bring pencils, erasers, a financial calculator, and your Baruch student ID. Please be sure that all phones are powered off and put away. Restroom breaks are allowed, but your cell phone (s) must be left behind with the instructor during the restroom break. 5. If you miss an exam, you can only take the make-up exam if you provide a 'valid document proof'. The make-up exam will generally be harder than the one you miss.
Attendance (online quiz)	Attendance will account for 5% of your grade. I will administer an online Connect/Brightspace quiz during class time (most likely at the end of each session) to check attendance or sign off on the attendance sheet. I will allow for two absences. Any pre-approved absence will not be included in these two times. You need to email me before class to get approved. Each additional absence will lower your grade by 1% until you lose all 5% of your attendance grade. **Late absence excuses will not be accepted. If you miss a considerable amount of the classes, I will treat it as a factor in your grade.**
Other Policies	1. Brightspace and email will be used primarily for announcements. Please check your email and Brightspace frequently to keep pace with the class. 2. Class documents will be available on Brightspace. 3. Electronic devices are allowed in class but must be muted. 4. Food and drinks are allowed in class but must be consumed subtly. 5. There will be a short break each class, around 10 – 15 minutes.

Final Exam (30%): TBD

Online Proctoring System: By the time of this class's midterm or final exams, CUNY faculty might be given access to an online proctoring system. If we are, we plan to make use of the system for our final (and/or midterm) examination. All class members will be asked to turn on their web cameras to take the exam(s).

Make-up policy for the final exam. Please note that the date and time for the final exam cannot be changed as this is a departmental level standardized exam for all sections of FIN 3000. If you miss the final exam, you will receive a zero for this exam, and your final grade for the course will include this. If you will miss the final exam, you should send me an e-mail **before** the final exam with a valid reason (determined by the instructor) with supporting documentation. If it is determined by the instructor to be a valid reason, you may attend a makeup exam scheduled by your instructor with a different set of questions or may receive an incomplete for the course.

Grading Policies

Homework	10%
Excel Project-SAM	5%
Attendance	5%
Midterm 1	25%
Midterm 2	25%
Final Exam	30%
Total	100%

Grading Criteria

Grades	Grades Percentage	GPA
A	93% – 100%	4.00
A-	90% – 92.9%	3.67
B+	87.1% – 89.9%	3.33
B	83% – 87%	3.00
B-	80% – 82.9%	2.67
C+	77.1% – 79.9%	2.33
C	73% – 77%	2.00
C-	70% – 72.9%	1.67
D+	67.1% – 69.9%	1.33
D	60% – 67%	1.00
F	59.9% and below	0.00

Chapters Covered

Chapter 1	Goals and Governance of the Corporation
Chapter 2	Financial Markets and Institutions

Chapter 3	Accounting and Finance
Chapter 4	Measuring Corporate Performance
Chapter 5	The Time Value of Money
Chapter 6	Valuing Bonds
Chapter 7	Valuing Stocks
Chapter 11	Introduction to Risk, Return, and the Opportunity Cost of Capital
Chapter 12	Risk, Return, and Capital Budgeting

Class Schedule (Preliminary)		
Class 1	Aug 30	Course Organization and Chapter 1
Class 2	Sept 6	Chapter 2 and Chapter 3
Class 3	Sept 13	Chapter 3 and Chapter 4
Class 4	Sept 20	Chapter 4 and Chapter 5
Class 5	Sept 27	**Midterm 1** and Chapter 5
Class 6	Oct 18	Chapter 5
Class 7	Oct 25	Chapter 6
Class 8	Nov 1	Chapter 6 and Chapter 7
Class 9	Nov 8	Chapter 7
Class 10	Nov 15	**Midterm 2** and Chapter 11
Class 11	Nov 22	Chapter 11 and Chapter 12
Class 12	Dec.06	Chapter 12
Class 13	Dec 13	Review
Final (Departmental. TBD)		

Academic Integrity

The Department of Economics and Finance fully supports Baruch College's policy on Academic Honesty, which states, in part:

> Academic dishonesty is unacceptable and will not be tolerated. Cheating, forgery, plagiarism, and collusion in dishonest acts undermine the college's educational mission and the students' personal and intellectual growth. Baruch students are expected to bear individual responsibility for their work and to uphold the ideal of academic integrity. Any student who attempts to compromise or devalue the academic process will be sanctioned.

Additional information can be found here.

Any infringement of this rule will be treated as a serious violation of Academic Integrity. Any suspected academic dishonesty in this regard will result in a grade of F on the exams and most likely an F in the course as well. Students should also understand that a report of suspected academic dishonesty will be sent to the Dean of Students' office and become a permanent part of the student's file.

Students with Disabilities and Other Special Needs

Students with disabilities are supported in their academic studies by Baruch College's Office of Services for Students with Disabilities according to their Mission Statement:

> The Office of Services for Students with Disabilities exists to provide reasonable accommodations to students with disabilities to ensure they have equal access to the college's programs and services. Through student intake, faculty consultation, and outreach to the community, students can develop interpersonal, social, vocational and emotional growth.

Students who feel that they may need a reasonable accommodation based on a disability should contact the staff at the Office of Services for Students with Disabilities, Newman Vertical Campus, Room 2-271, or by phone at (646) 312-4590. More information is available on their website here.

Consent to Recording

Students who participate in this class with their camera on or use a profile image are agreeing to have their video or image recorded solely for the purpose of creating a record for students enrolled in the class to refer to, including those enrolled students who are unable to attend live. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live.

Assurance of Learning Chart

BBA Learning Goals	Significant Part of Course	Moderate Part of Course	Minimal Part of Course	Not Part of Course
Analytical Skills	☒	☐	☐	☐
Technological Skills	☐	☒	☐	☐
Communication Skills: Oral	☐	☒	☐	☐
Communication Skills: Written	☐	☒	☐	☐
Civic Awareness and Ethical Decision-Making	☐	☒	☐	☐
Global Awareness	☐	☒	☐	☐

Proficiency in a single discipline: Finance	☒	☐	☐	☐

Assignment Mapping		
Assignments	**Course Learning Goals**	**BBA Learning Goals**
Participation	Time Value of Money Risk and Return Markets and Securities Characteristics	Analytical skills Proficiency in Finance Communication Skills
Excel Project	Time Value of Money Risk and return	Technological skills
Lectures	Time Value of Money Risk and Return Markets and Securities Characteristics	Financial reasoning skills Global Awareness Ethical decision making
Exams	Time Value of Money Risk and Return Markets and Securities Characteristics	Proficiency in Finance Analytical skills Technological skills

DO NOT CONTACT YOUR PROFESSOR OR RECITATION INSTRUCTOR FOR ASSISTANCE OF ANY KIND RELATED TO EXCEL PROJECTS – DIRECT YOUR QUESTIONS TO THE EXCEL HELPDESK (http://blogs.baruch.cuny.edu/excelhelp

The Excel Project

The Excel Project consists of 4 projects to be completed via the SAM online platform. These projects are intended to improve your Excel skills and familiarize you with business spreadsheet applications.

The last submission date for ALL projects is Dec 3rd, 2024. No extension will be given after Dec 3rd, 2024.

Grading Rules. Successful completion of the 4 projects will constitute 5% of your final FIN 3000 grade. The projects are self-graded and you'll have 3 trials to complete each one of them. Assignments submitted with scores of 80% and above will receive full credit for the assignment (i.e. 100/100 points). On-time assignments that score less than 80% will receive the exact credit earned (i.e. a score of 75% on an assignment submitted on time will be recorded as 75/100 points). Late submissions are now allowed; students will lose 1 point per day that the assignment is late. Also, late assignments will receive the exact credit earned if the adjusted total falls below 80% (e.g. a late assignment with a score of 84% and 5 days late will be recorded as [79=84-5]/100 points).

Please note: Windows Excel 2019 is the best version to work on all the SAM assignments as we are using SAM 2019, which was developed around Windows Excel 2019. You can choose to use Mac or other Windows Excel versions, but we will not be responsible for the possible grading errors that are caused by using versions other than Windows Excel 2019. You can find Windows Excel 2019 on all PCs in Baruch students labs, which you can access remotely at onlinelabs.baruch.cuny.edu

Due dates. Late Submissions are allowed, with points deducted accordingly as explained in Grading Rules. The last submission date for ALL projects is December 3rd, 2024. No extension will be given after that date.

Assignment Schedule date Due date

Project 1: Pivot Tables and Charts First day of classes September 20th

Project 2: Revenue Analysis First day of classes October 11th

Project 3: Financial Projection First day of classes November 1st

Project 4: Data Analyses First day of classes November 22nd

Pricing. You need to purchase access to the SAM platform in order to complete the projects. The cost is $55. Once purchased, your SAM account will be active until you graduate and you'll be able to access Excel projects in other classes at not cost. If you have a SAM account from a previous class, simply login to SAM (you do NOT need to purchase access again) and join your new class (see instructions below).

Obtaining access to SAM if you already have a SAM Login:

A PowerPoint file explaining the registration procedure is posted on the course 2024 Fall Excel Module for FIN 3000 under Content.

1. Go to sam.cengage.com.

2. Enter your username and password, and then click "Log In". (If you have forgotten your password, click "Forgot your password?" and enter your username. You will be asked to answer your secret security question and a reset password link will be sent to your email address).

Obtaining access to SAM if you are a NEW USER:

A PowerPoint file explaining the registration procedure is posted on the course 2024 Fall Excel Module for FIN 3000 under Content.

1. Go to sam.cengage.com.

2. First-time SAM User? Click "New User" or log in with your Cengage credentials and follow the on-screen prompts to create your account. You might already have a Cengage account if you've used MindTap, CNOWv2, OWLv2, WebAssign or another Cengage platform/eTextbook in a different course

3. Enter your institution key. The institution key for Baruch College is T2031850.

4. Set Up Your Profile. Please use your Baruch email address and official roster name when you create your profile. (Not using your Baruch email address may lead to issues when merging your SAM grade into your final grade.) Enter a secret question and answer that will be used for security purposes should you forget your password. Confirm your profile information and accept the License Agreement.

5. If the Username you enter exists in Cengage, a prompt displays so you can enter your Cengage password. If you cannot retrieve your password using the Forgot your password link, you can create a new SAM account with a different username.

6. You will then be asked to Enter Your Key Code, please select 'Enter Later' to move onto the next step

Once you have access to SAM (for NEW or EXISTING USERS)

1. Join a Section. If not already enrolled in a section, click the "Sections" tab at the top of the screen. Click "Join a Section", and locate your section (FIN 3000) and term (Fall 2024), then click the blue arrow icon in the "Join Section" column on the right. You MUST join the section to see your assignments.

2. Access your Assignments. Click on Activity List on the top navigation bar to retrieve the assignments ("Projects") scheduled for your section. You can access the Excel Tutorials ("Training") for help in completing the assignments. You also have access to 21 voluntary projects with no deadlines. ("Projects").

3. You must have pop-up windows ENABLED for the SAM site in order to see your assignments.

Purchasing SAM access

1. Navigate to your Cengage dashboard via www.cengage.com

2. Login with your SAM username and password

3. Select 'My Home' under your name in the left-hand pane of your screen

4. You will then see a prompt that says, 'Ready to purchase? Review your options now"

5. Click on the yellow 'Review Purchase Options Button'

6. Select the option that works best for you. The 'materials for a single course' option gets you access to all SAM courses at Baruch. If you are taking other courses at Baruch outside of SAM, you might want to consider Cengage Unlimited' If you decide to buy the SAM code

to start, you can upgrade to Unlimited at a later date by paying the difference between $55 and $129.99.

7. Go to your cart and click on 'Start Secure Checkout'

8. Once purchased, you will see in your Cengage dashboard that the materials are marked as 'paid' and you are then able to work in the course by logging into sam.cengage.com or through www.cengage.com

Viewing the SAM tutorials before doing the projects increases your chances of a successful and quicker project completion. Completing the voluntary projects will significantly improve your Excel skills which are invaluable both in your future academic and professional career.

Academic Integrity. SAM detects files shared with other students and generates a report for the instructors with the names of plagiarizing students and all parties involved. Students caught cheating will be reported to the Office of the Dean of Students for disciplinary action.

Troubleshooting. Several resources are available to you should you encounter any problems:

Brightspace. Baruch has now transitioned away from Blackboard and on to Brightspace. The SAM portion of your course has its own Brightspace page that you must enroll in to retrieve important SAM materials and receive relevant announcements. Click on this link and select Enroll in Course: Brightspace Fall 2024 - Excel SAM Course FIN 3000

SAM Help Desk. Students with questions about SAM can access the help desk either of two ways: through Brightspace or at http://blogs.baruch.cuny.edu/excelhelp. The help desk is supported by PhD students familiar with SAM and the SAM projects. Emails will be answered daily, Monday-Friday. If many inquiries arise about a common issue, then responses will be posted on Brightspace.

Technical Support. For any problems accessing or using SAM contact Technical Support at:

Phone: 1-800-354-9706 (Mon-Thurs, 8:30 am to 9:00 pm EST & Friday, 8:30am to 6:00pm EST) or Chat (24/7) or E-mail (24/7): http://www.cengage.com/support/

Excel tutors. Student Academic Consulting Center (SACC) will provide tutors who are trained in your assigned SAM projects and can help you learn how to use Excel. To schedule an appointment, visit

https://www.baruch.cuny.edu/sacc. To sign up for a tutoring session, enter your SACC login information if you have already created an account otherwise follow the step to register with SACC. Select the SAM Software Projects Tutoring.

"Walk-in" workshops. The SACC tutoring center will offer remote workshops on using Excel with SAM the week BEFORE every project is due. We will send reminders as to the date, time and place of each workshop via Brightspace. To sign up for a workshop, go to https://www.baruch.cuny.edu/sacc. Enter your SACC login information if you have already created an account; otherwise follow the steps to register with SACC. Select the SAM Software Projects Workshop from the drop-down list and choose the session that you would like to sign up for from the calendar.

Internet browsers. It is recommended that you use Chrome, Safari or Firefox with SAM. Avoid Internet Explorer.

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Appendix B: Selected Final Topics

	compute	topic	comment
1	PV	single payment	
2	FV	single payment	
3	I	single payment	
4	N	single payment	
5	PV at time 0	perpetuity	
6	R	perpetuity	
7	Payment	perpetuity	
8	PV at time t	perpetuity	
9	PV	ordinary annuity	
10	FV	ordinary annuity	
11	N	ordinary annuity	
12	I	ordinary annuity	
13	Pmt	ordinary annuity	
14	PV	annuity due	
15	FV	annuity due	
16	N	annuity due	

17	I	annuity due	
18	Pmt	annuity due	
19	PV	infrequent annuity (e.g., 1 payment every 2 years)	
20	FV	infrequent annuity (e.g., 1 payment every 2 years)	
21	N	infrequent annuity (e.g., 1 payment every 2 years)	
22	I	infrequent annuity (e.g., 1 payment every 2 years)	
23	Pmt	infrequent annuity (e.g., 1 payment every 2 years)	
24	EAR from APR	with different finite compounding frequencies	
25	EAR from APR	continuous compounding	
26	EAR from rate per period	with different finite compounding frequencies	
27	EAR from rate per period	continuous compounding	
28	APR from EAR	with different finite compounding periods	
29	APR from rate per period	with different finite compounding periods	
30	APR from EAR	continuous compounding	
31	APR from rate per period	continuous compounding	
32	Pmt (1st annuity)	saving for retirement problem w/ 2 annuities	may be broken into separate MC questions
33	Pmt (2nd annuity)	saving for retirement problem w/ 2 annuities	may be broken into separate MC questions
34	N (1st annuity)	saving for retirement problem w/ 2 annuities	may be broken into separate MC questions
35	N (2nd annuity)	saving for retirement problem w/ 2 annuities	may be broken into separate MC questions
36	PV (1st annuity)	saving for retirement problem w/ 2 annuities	may be broken into separate MC questions
37	PV (2nd annuity)	saving for retirement problem w/ 2 annuities	may be broken into separate MC questions
38	FV (1st annuity)	saving for retirement problem w/ 2 annuities	may be broken into separate MC questions
39	capital gain yield	stocks - any	
40	holding period return	stocks - any	
41	dividend yield	stocks - any	
42	P(0)	stocks - constant growth	
43	R	stocks - constant growth	
44	Div(1)	stocks - constant growth	
45	P(t)	stocks - constant growth	
46	Div(t)	stocks - constant growth	
47	capital gain yield	stocks - constant growth	

48	holding period return	stocks - constant growth	
49	dividend yield	stocks - constant growth	
50	P(0)	stocks - constant growth, dividend starts in future	
51	P(0)	stocks - 2 stage growth	
52	P	bonds - semiannual coupons	
53	N	bonds - semiannual coupons	
54	YTM	bonds - semiannual coupons	
55	Pmt	bonds - semiannual coupons	
56	Current yield	bonds - semiannual coupons	
57	Coupon rate	bonds - semiannual coupons	
58	P	zero coupon bond	
59	N	zero coupon bond	
60	YTM	zero coupon bond	
61	Exp. R	based on scenarios and probabilities	
62	Ave R	based on history of N observations	
63	s	based on history of N observations	
64	portfolio R	N stocks	
65	portfolio □	N stocks	
66	risk premium	given R and Rf	
67	market risk premium	given Rm and Rf	
68	R	capm	
69	risk premium	capm - given □, Rm, Rf	
70	□	capm - given R, Rm, Rf	
71	Rm	capm - given R, □, Rf	
72	Rf	capm - given R, □, Rm	
73	conceptual questions	TVM	
74	conceptual questions	stocks	
75	conceptual questions	bonds	
76	conceptual questions	risk and return, including but not limited to: expected return, required return, types of risk, diversification, portfolio risk and return, etc.	