

Instructor:

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The content of this syllabus is subject to change.
 All changes are timely notified to enrolled students via
 Canvas > Announcements by the instructor

Class Meeting Schedule:

All sections of 4219 are in-person learning delivered in a combination of business cases and simulations. Please refer to the class calendar for specifics on virtual, synchronous class session dates.

Section #	Class Time / Classroom #
BUSFIN 4219 - 0030 (4948)	10:20 AM – 11:15 AM / SB #220
BUSFIN 4219 – 0010 (4835)	11:30 AM – 12:25 PM / SB #220
BUSFIN 4219 – 0020 (4838)	12:40 PM – 01:35 PM / SB #230

First class of the semester is Wednesday, August 24, and the last class of the semester is Wednesday, December 7.

Course Materials:

Recommended as reference books:

- 1) Corporate Finance, by Jonathan Berk and Peter DeMarzo, 4th edition, Pearson Series in Finance, 2017 (earlier or later editions are also acceptable).
- 2) Damodaran on Valuation, second edition. By Aswath Damodaran, Wiley Finance.

Required: Harvard Business Publishing Course Packages

TABLE A – BUSINESS CASES, REQUIRED

Course pack name: 4219-AU22 Cases (the cost to students is \$45.50)

Unique link: <https://hbsp.harvard.edu/import/949510>

Count	Cases	Item #
1	Case 1: Victoria Chemicals PLC (A): The Merseyside Project	UV1192
2	Case 2: Murphy Stores Inc.: Capital Projects	NA0520
3	Case 3: Royal Mail, plc.: Cost of Capital	UV7254
4	Case 4: Sneaker 2013	BAB-166
5	Case 5: Midland Energy Resources, Cost of Capital (divisional WACC)	4129
6	Case 6: Hansson Private Label Inc.: Evaluating an Investing in Expansion	4021
7	Case 7: Winfield Refuse Management, Inc.	913530
8	Case 8: Blaine Kitchenware Inc.: Capital Structure	4040
9	Case 9: Ferrari: The 2015 Initial Public Offering	UV7259
10	Case 10: Burton Sensors, Inc.	918539

TABLE B – SIMULATIONS, REQUIRED

Course pack name: 4219-AU22 Simulation (the cost to students is \$15)

Unique link: <https://hbsp.harvard.edu/import/949508>

Count	Simulation	Item #
1	Finance Simulation: M&A in Wine Country – V2	4805-HTM-ENG

TABLE C –READING MATERIAL (some items are optional)

Course pack name: 4219-AU22 Articles. (The cost to students is \$34 for required articles, and \$21.25 for optional material)

Unique link: <https://hbsp.harvard.edu/import/962959>

Count	Articles / Background or Technical Note	Item #
1	Note: Introduction to Accumulated Value, NPV and IRR (optional)	173003
2	Article: A Refresher on Cost of Capital	H02110
3	Article: Do you know your cost of capital?	R1207L
4	HBR Article: What's It Worth? A General Manager's guide to Valuation	97305
5	Note on the Theory of Optimal Capital Structure	279069
6	Note: Capital Structure Theory – A Current Perspective	UV0105
7	A Refresher on Debt-to-Equity Ratio	H026ZK
8	A Refresher on Return on Assets and Return on Equity	H02QLU
9	The Case for M&A in a Downturn (optional)	H05MDM
10	Initial Public Offerings	W14160
11	A Refresher on Break-even Quantity (optional)	H0252J
12	When Stocks Buybacks Are Not a Waste of Money (optional)	H012RV
13	Deals Without Delusions (optional)	R0712G

Course Description:

This course is a capstone undergraduate elective in the area of Corporate Finance. The course helps students to bridge the gap between the theory of finance and the reality of decision-making as a financial manager through the use of real world case studies. Students learn to analyze issues, challenges and opportunities faced by the corporation, and to provide recommendations for a best course of action to the C-Suite or upper management team.

This is a full semester course case study and simulation-based. We build upon financial principles and valuation tools covered in Corporate Finance and extend those to the application on topics like cost of capital, capital budgeting, new program / new product opportunity valuation, enterprise valuation, capital structure and the financing decision – debt versus equity; IPO pricing and process, as well as aspects of mergers and acquisitions like analysis of strategic fit and synergies case valuation.

Prerequisites:

Pre requisites are BUSFIN 4211 and 4221

Considering this is an advanced course in corporate finance, **students enrolled in this class are expected to be proficient in financial statement analysis, time value of money, basic investment decision rules as net present value, IRR, payback, and weighted average cost of capital (WACC).**

Course Learning Outcomes:

By the end of this course, students should successfully be able to:

1. Apply the Discounted Cash Flows (DCF) methodology to value enterprises from a variety of industries

2. Apply the Relative Valuation (or Relative Multiples) methodology to value privately held enterprises, as well as comparative valuation of publicly held firms.
3. Conduct in-depth analysis of capital budgeting processes and recommend modifications in areas of improvements.
4. Analyze and prioritize competing investment opportunities
5. Value the equity per share in preparation to the Initial Public Offering
6. Analyze, compute and recommend leverage ratios
7. Conduct strategic and financial analysis of mergers and acquisitions, and provide recommendation to a board of directors

How This Course Works:

Mode of delivery: This course is in person delivered with a combination of business cases, lectures and synchronous simulations. Please refer to the class calendar for specific dates.

Credit hours and work expectations: This is a **3-credit-hour course**. According to [Ohio State policy](#), students should expect around an average of 3 hours per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 6 hours of homework (reading and assignment preparation, for example).

Attendance and participation requirements: - *when applicable, for planned, synchronous activities and class sessions:*

- **Participating in online activities for attendance:** You are expected to log in to the course in Carmen every week according to the class scheduled presented in this syllabus. If you have a situation that might cause you to miss an entire week of class, discuss it with me *as soon as possible*.
- **Office hours and live sessions:**
All live, scheduled office hours, are optional. Students are welcomed to schedule office hours by appointment contacting the lecturer directly via email. Please allow at least 24 hours for email response during the semester weekdays.
- **Participating in discussion forums:**
There are five scheduled discussion boards during the semester. The specific discussion topics are timely announced on Canvas.

Course technology:

For help with your password, university email, Carmen, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at ocio.osu.edu/help/hours, and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** ocio.osu.edu/help
- **Phone:** 614-688-4357(HELP)
- **Email:** servicedesk@osu.edu
- **TDD:** 614-688-8743

Required Technology skills specific to this course

- [CarmenZoom virtual meetings](#)

Required equipment

- Computer: current Mac (OS X) or PC (Windows 7+) with high-speed internet connection
- Webcam: built-in or external webcam, fully installed and tested
- Microphone: built-in laptop or tablet mic or external microphone
- Other: a mobile device (smartphone or tablet) or landline to use for BuckeyePass authentication

Required software

- [Microsoft Office 365](#): All Ohio State students are now eligible for free Microsoft Office 365 ProPlus through Microsoft's Student Advantage program. Full instructions for downloading and installation can be found [at go.osu.edu/office365help](https://go.osu.edu/office365help).

Carmen access

You will need to use [BuckeyePass](#) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the [BuckeyePass - Adding a Device](#) help article for step-by-step instructions.
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Download the [Duo Mobile application](#) to all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service.

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357 (HELP) and IT support staff will work out a solution with you.

Grading and Evaluation:

Graded assignments may come in three forms, and students should note the expectations for each in the descriptions of our class assignments below.

- **Independent Work (👤)**: Strictly non-collaborative, original-individual work. You may discuss this assignment only with your instructor. Discussions with other individuals, either in person or electronically, are strictly prohibited.
- **Collaboration required (👥)**: An explicit expectation for collaboration among students either in-class or outside (i.e. group work).
- **Optional-Collaboration (👥💬)**: Students are permitted, but not required, to discuss the assignment or ideas with each other. However, all submitted work must be one's original and individual creation.

Course Assignments:

Distributed: 70% individual work, 30% group work

Assignment Name	Points / Weight	Assignment Type
Participation during class discussion ⁽¹⁾	80 / 20%	👤
Individual Assignments (3 x 40 pts.)	120 / 30%	👤
Simulation (group setting, graded as individual)	80 / 20%	👥
Final Case (group)	120 / 30%	👥
TOTAL COURSE POINTS	400 / 100%	

(1) Grading components: includes cold call and interactions and participation during regular class discussion

While attendance is not explicitly included as a grading element, it is recorded in a daily basis to serve as a cross-check point for regular class session interactions. Also considered for final later grade rounding up.

Grading Scale:

93–100: A
 90–92.9: A-
 87–89.9: B+
 83–86.9: B
 80–82.9: B-
 77–79.9: C+
 73–76.9: C
 70–72.9: C-
 67–69.9: D+
 60–66.9: D
 Below 60: E

Course Schedule:

The following course schedule is a summary of topics, activities and assignments by date. Please notice that any synchronous sessions via Live Zoom meeting are indicated under WHERE. This section also includes a quick reference on what to prepare IN ADVANCED to class session. All case preparatory questions and assignments are timely posted Canvas Modules.

Session #	When	Topics and Activities, Assignment Deadlines	Where	To prepare for this session you need to:
1	(W) Aug 24	Class introduction – syllabus highlights	In person	Log in to Canvas, read syllabus, purchase Harvard course pack.
2	(F) Aug 26	Introduction to the case method – a short exercise to help student familiarize with the case method in 4219.	In person	Read Disney’s Frozen on Canvas and – to the best of your ability - answers to prep questions.
3	(M) Aug 29	Disney’s cash flows wrap up. Relevant cash flows recap and prep for case 1.	In person	
4	(W) Aug 31	Case 1: Victoria Chemicals PLC (A): The Merseyside Project	In person	Read Case 1 from HPB course pack. Prepare answers to case questions.
5	(F) Sep 2	Analysis of relevant cash flows Individual Assignment #1 posted 9/2	In person	Case 1 is considered a practice case.
6	(M) Sep 5	NO CLASS, LABOR DAY OBSERVANCE		
7	(W) SEP 7	Case 2: Murphy Stores Inc.: Capital Projects	In person	Read Case 2 from HPB course pack. Prepare answers to case questions.
8	(F) Sep 9	Analysis and valuation of two capital projects, preparing assumptions tables and analysis of effects of NPV, IRR and PI.		

Session #	When	Topics and Activities, Assignment Deadlines	Where	To prepare for this session you need to:
9	(M) Sep 12	Case 3: Royal Mail, plc.: Cost of Capital	In person	Read Articles “A Refresher on Cost of Capital” and “Do You Know Your Cost of Capital?”
10	(W) Sep 14	Individual Assignment #1 DUE Wednesday, Sep 14 by 10 AM (40 pts.)		Read Case 3 from HPB course pack. Prepare answers to case questions.
11	(F) Sep 16	Cost of Capital theory and application recap (lecture) Individual Assignment #2 posted 9/16	In person	Review your notes from independent reading of Cost of Capital articles and Case 1 discussion.
12	(M) Sep 19	Case 4: Sneaker 2013	In person	Read HBR article “What’s It Worth? A General Manager’s guide to Valuation” and Case 3 from HPB course pack. Prepare answers to case questions.
13	(W) Sep 21	Analysis and valuation of two competing, new product programs.		
14	(F) Sep 23	Teams are formed on Canvas on 9/23 (random, teams of 5-6)		
15	(M) Sep 26	Case 5: Midland Energy Resources (Estimating Beta and the divisional Cost of Capital)	In person	Read Case 5 from HPB course pack. Prepare answers to case questions.
16	(W) Sep 28	Individual Assignment #2 DUE Wednesday, Sep 28 by 10 AM (40 pts.)		
17	(F) Sep 30			
18	(M) Oct 3	Case 6: Hansson Private Label Inc.: Evaluating an investment in expansion.	In person	Read Case 6 from HPB course pack. Prepare answers to case questions
19	(W) Oct 5			
20	(F) Oct 7	In-class group activity.		
21	(M) Oct 10	Case 7: Winfield Refuse Management Analysis and selection of financing for an acquisition. Debt versus Equity financing benefits and issues of each.	In person	Read articles: “Note on the Theory of Optimal Capital Structure” and “Capital Structure Theory – A Current Perspective”, “A Refresher on Debt-to-Equity Ratio”, “A Refresher on Return on Assets and Return on Equity” and Case 7 from HBP course pack.
22	(W) Oct 12	Individual Assignment #3 posted 10/12		
23	(F) Oct 14	NO CLASS, Fall Break Observance		
24	(M) Oct 17	Case 8: Blaine Kitchenware Inc.: Capital Structure	In person	Read case 8 from HBP course pack. Prepare answers to case questions.
25	(W) Oct 19	Capital structure decisions effect on relevant ratios, analysis of shares repurchase, cost of capital and Beta.		
26	(F) Oct 21			

Session #	When	Topics and Activities, Assignment Deadlines	Where	To prepare for this session you need to:
27	(M) Oct 24	Case 9: Ferrari: The 2015 Initial Public Offering	In person	Independent reading: Initial Public Offerings article. Read case 9 from HBP course pack. Prepare answers to case questions.
28	(W) Oct 26	Application of Discounted Cash Flows and Relative Method analysis to cash flows from enterprise's operations.		
29	(F) Oct 28	Individual Assignment #3 DUE Wednesday, Oct 26 by 10 AM (40 pts.)		
30	(M) Oct 31	Case 10: Burton Sensors, Inc. Strategic analysis and valuation of synergies	In person	Read Case 10 from HPB course pack. Prepare answers to case questions.
31	(W) Nov 2			
32	(F) Nov 4			
33	(M) Nov 7	Final Project firm selection day	In person	Details on Canvas Modules
34	(W) Nov 9	Simulation introduction and guidelines (lecture)	In person	Review PREPERA TAB for simulation 2 on Harvard Business Publishing
35	(F) Nov 11	NO CLASS, VETERAN'S DAY OBSERVANCE		
36	(M) Nov 14	Play Simulation, round 1 during class time	Asynchronous Live Zoom office hours available by appointment	Play simulation during your scheduled class time.
37	(W) Nov 16	Play Simulation, rounds 2 and 3 during class time		
38	(F) Nov 18	Simulation Results Debrief Session Simulation Report due by 10 AM on Canvas	In person	
39	(M) Nov 21	Groups work in their final project and attend designated office hours meeting with professor Papadakis.	In person	It is required from each group to coordinate office hours with the instructor as check point on either of these two days and during their class time.
40	(W) Nov 23	NO CLASS, THANKSGIVING BREAK		
41	(F) Nov 25	NO CLASS, THANKSGIVING BREAK		
42	(M) Nov 28	Groups work in their final project and attend designated office hours meeting with professor Papadakis.	In person	It is required from each group to coordinate office hours with the instructor as check point, during class time, on either of these two days.
43	(W) Nov 30			

Session #	When	Topics and Activities, Assignment Deadlines	Where	To prepare for this session you need to:
44	(F) Dec 2	Day 1 - Final group project presentations Peer review survey posted 12/2	In person	Final group projects reports and presentations are due by 10 AM on Canvas regardless of presentation assigned date.
45	(M) Dec 5	Day 2 - Final group project presentations	In person	
46	(W) Dec 7	Day 3 - Final group project presentations Peer Review due by end of day on Wednesday, Dec 7 via Canvas.	In person	Last day of class

Late Assignment Submissions:

All individual and group assignments submitted 15 minutes after the due date and time are considered late and will be subject to a 25% discount on the maximum score, and deducted before grading the submitted material. No late assignments accepted after 48 hours of due date.

Instructor Feedback and Response Expectations:

- Email Response Times – within 24 hours during weekdays, and 48 during the weekend
- Graded Materials Return Times – within 10 days of submission
- Discussion Board Response Times – within 24 hours

Academic integrity:

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the University's Code of Student Conduct, and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the University's Code of Student Conduct (<https://trustees.osu.edu/bylaws-and-rules/code>) and this syllabus may constitute Academic Misconduct (<https://oaa.osu.edu/academic-integrity-and-misconduct>)

The Ohio State University's Code of Student Conduct (Section 3335-23-04) defines academic misconduct as: Any activity that tends to compromise the academic integrity of the University, or subvert the educational process. Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the University's Code of Student Conduct is never considered an excuse for academic misconduct, so I recommend that you review the Code of Student Conduct and, specifically, the sections dealing with academic misconduct.

If I suspect that a student has committed academic misconduct in this course, I am obligated by University Rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have

violated the University's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the University. If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Disability Services:

The University strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu; 614-292-3307; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue

Safety and health requirements:

All teaching staff and students are required to comply with and stay up to date on all [University safety and health guidance](#), which includes wearing a face mask in any indoor space and maintaining a safe physical distance at all times. Non-compliance will be warned first and disciplinary actions will be taken for repeated offenses.

Syllabus Statement with COVID Process Addition

The university strives to make all learning experiences as accessible as possible. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's [request process](#), managed by Student Life Disability Services. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu; 614-292-3307; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue.

Grievances and Solving Problems:

According to University Policies, if you have a problem with this class, you should seek to resolve the grievance concerning a grade or academic practice by speaking first with the instructor or professor. Then, if necessary, take your case to the department chairperson, associate dean for programs in the college, and to the provost, in that order. Specific procedures are outlined in Faculty Rule 3335-7-23. Grievances against graduate, research, and teaching assistants should be submitted first to the supervising instructor, then to the chairperson of the assistant's department

A Note Regarding Attendance

4219 requires in-person attendance and participation and cannot be completed virtually. Ohio State has made a commitment to returning to as much in-person instruction as possible following [Health and Safety guidelines](#). We have worked diligently to return to a normal residential academic experience, which includes in-person fall classes that will be delivered with the expectation that you are in Columbus and attend in person. Instructors cannot make exceptions or change course delivery mode for individual students. [Student Life Disability Services](#) can provide guidance and assistance to students with disabilities who require accommodations. Failure to return to Ohio State's campuses due to travel restrictions or anxiety about travel and exposure are not qualifying conditions.

Please work with your academic advisor directly to discuss your options for scheduling designated online courses or adjusting your course load. You can find your advisor assignment on [My BuckeyeLink](#) or by using the Ohio State Mobile app (under About You). If you are unable to identify your advisor, please email advising@osu.edu from your Ohio State email address.

Participation in class discussion Policy

Participation is one grading element that does not require any submission or deliverable from individuals or groups. During the semester, the instructor prepares a weekly cold call list and calls on students at the beginning of class, specifically during sessions dedicated to cases or article discussions. Students are expected to be prepared to interact during class, and to provide insight into their analysis of preparatory questions, to the best of their ability. Points are granted to each student according to level or preparedness and quality of contribution, at the instructor's discretion. Please contact the instructor as soon as possible, preferably at the start of the semester, if you see any issues with this policy.

Copyright:

© The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

End of Syllabus