



National Taiwan University of Science and Technology

2021 Summer Program

BUS 280 Entrepreneurship

Course Outline

Course Code: BUS 280

Instructor: Dr. Yunshan (Victor) Lian

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Office Hours: by appointment

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Credit: 4

Course Description:

Entrepreneurship is an essential human behavior that underpins societal progress. Individual economic activity dominates day-to-day behavior in all but a few western societies and cultures today. Most of the world's population depends on an entrepreneurial livelihood. Without an understanding of the role of the entrepreneur in economic formation and the conception of markets, a basic historical understanding of societal development is limited. Therefore, this course covers the many facets of entrepreneurship and its implications for careers, business, and society. It is designed to introduce the entrepreneurial mindset to students pursuing all University majors.

Includes individual components of entrepreneurship and its implications for society. Special emphasis is placed on decision-making and problem solving in society through an understanding of opportunity recognition, economic/financial models, value creation, and basic entrepreneur-related concepts.

Learning Outcomes

The Institute for Entrepreneurship creates an environment that enables students to develop the entrepreneurial knowledge and mindset, both individually and collaboratively, to: (1) recognize, comprehend and apply the entrepreneurial process from across the disciplines; (2) enthusiastically and credibly communicate ideas, individually and in teams; and (3) analyze select and implement an integrated business model to solve real-world problems.

Upon the completion of this course, the students will be able to:

1. Understand and apply entrepreneurial theory using lean startup principles.



2. Recognize and evaluate opportunities.
3. Propose viable solutions to opportunities.
4. Lead the development of new ventures.
5. Analyze evidence for decision making.
6. Select and implement appropriate technologies.
7. Evaluate ethical issues when making decisions.
8. Develop an integrated business model.
9. Gather and apply financial data for projections and decision-making.

Prerequisite:

Second year standing

Required Textbooks:

Hisrich, Peters, and Shepherd. (2017) *Entrepreneurship*. McGraw Hill Education. New York, NY. ISBN 978-0-07-811284-3.

Supplementary materials may be utilized during the class.

Recommended readings

The Four Steps to the Epiphany (this is a free downloadable pdf found at the link below):

http://www.stanford.edu/group/e145/cgi-bin/winter/drupal/upload/handouts/Four_Steps.pdf

So You Want to Be an Entrepreneur? by E. Heyward. Harvard Business Review. [Link](#)

New Research: The Skills That Makes an Entrepreneur. by B. J. Bonnstetter. Harvard Business Review. [Link](#)

Bringing an Entrepreneurial Mindset to the World's Failing Systems. by C. Love and R. Sinha. Harvard Business Review. [Link](#)

5 Lessons I Learned from Selling My Startup. by Ben Faw. Harvard Business Review. [Link](#)

How to Sell New Products. by T. Steenburgh and M. Ahearne. Harvard Business Review [Link](#)

How to Start a Startup Lecture Series by Sam Altman. Text Link:

<http://startupclass.samaltman.com> (Official Version)

“Start-up Owner’s Manual” by Steve Blank (Bookstore/Amazon) “Business Model Generation” by Alexander Osterwalder (Bookstore/Amazon)

“Star Pupil” Advanced/Interesting Reading: “Zero to One” by Peter Thiel (Full Text) (Amazon)

“Articles” by Paul Grahm [Essays about startups](#)

Prescribed reading by Sam Altman [Startup Class Readings](#)

“The first 30%: Distilled Wisdom from Start-up Experts” by “Rahul” [The first 30%](#)



Note: **Recommended readings are “recommended” and “optional.” These are materials that are recommended to you at your discretion. The more you read, the more insights you can get from the others’ success and failures. This is also not a definitive list and you may start with any topic you feel more interested in.*

Evaluation:

Attendance and discussion (40 points)

Exercise and homework (80 points)

Case study (80 points)

Group project: New Venture (100 points)

Mid-term exam (100 points)

Final Exam (100 points)

Attendance & Discussion: (40 points)

You are expected to actively participate the class time and TA led discussion. Your presence will not automatically yield full credits. The grade will be based on the quality of your discussion and value added to the class.

Exercise and homework: (80 points)

Due to the nature of the hybrid format of this course, it’s highly important for you to complete the assigned exercises during each week. Late submission is not accepted and will be regarded as zero point.

Case Studies: (80 Points)

There will be four selected case study assignments during the semester. You will participate in a discussion board sharing your number one take away from the case. You will also complete an essay to answer specific questions about the case. You will earn up to 10 points for the written portion and 10 points for the discussion board.
(20 pts each/ 80 total)

Group project: New Venture (100 points)

Students will be assigned into groups of 3~4 during the first week of the class and complete a new venture project by the end of the program.

The project will be developed on a weekly basis by following these stages:

1. From idea to the opportunity
2. From the opportunity to the business plan
3. From the business plan to funding the venture
4. From funding the venture to launching, growing, and ending the new venture

Each individual’s grade will be based on group performance and the contribution made by the individual student, which will be evaluated by the peers.

Midterm (100 points) and Final Exam (100 points)

Midterm and final exam will be in the format of problem solving and concept discussion. Final exam is non-cumulative, which means only covering the rest chapters after the midterm exam.



Grading:

A+ : 95 - 100 A : 94 - 90

B+ : 89 - 85 B : 84 - 80

C+ : 79 - 75 C : 74 - 70

D+ : 69 - 65 D : 64 - 60

F : Fail

Academic Integrity

Please show respect for your fellow students' ideas. Be respectful if you disagree with your classmate. Respect other people's time by being punctual and paying attention. Open yourself to the ideas of others and share your thoughts in a respectful and meaningful way.

Do not make assumptions. Be responsible and stay on top of coursework assignments, group meeting times, etc. If you have a question, please ask. Successful entrepreneurs and leaders move beyond assumptions. They prove assumptions wrong! They inquire to understand...and in the process gain insight and courage. Do this as a practice and you will gain a valuable skill. Do not be afraid to ask questions.

Please follow the guideline of the university policy. Academic dishonesty or misconduct will not be tolerated, and may result in disciplinary action including a grade F for the course. Work submitted must be the original work of the student. Original work may include the words and ideas of others, but the source of these words and ideas must be indicated in a manner consistent with an academically recognized form, style, and citation manual. Resubmission of work previously presented in another course is prohibited.

Email Etiquettes

Communication is one of the most important factors in business world. Your way of communication can greatly impact the success or failure of your business. Through the following guidelines, I hope eventually you'll set up a proper communication style for your future career.

1. All messages should have a concise and descriptive subject line. The purpose of the subject line is to alert the reader as to the content of the message. **Please include your course name or number (BUSI 2800)** so your question/issue can be addressed more accurately.
2. Begin with a salutation like "Professor Smith" or "Dr. Smith". If you typically call Dr. Smith "Pat", then go ahead and begin the email with "Pat." If you are unsure of how to address a professor, "Professor Smith" is the best choice.
3. Close your message with a signature. Be certain that you have included your full name and your course name and/or number, so I can identify which class you are involved in and communicate with you more efficiently.

Course Policies

Please go over the learning material and complete the assignments prior to the online meeting, and be ready for discussions and exercise.

Late submission of assignments is not acceptable, just like turning in your project to the management of the company or your client. **It will automatically lead to points deduction by 10% per day (maximum to 50% deduction).**



Any student with a documented disability needing academic adjustments or accommodations, and any student who anticipates a schedule conflict because of religious reasons should notify the instructor through email within the first week of the program.

Course Schedule (may subject to change for the purpose of learning effectiveness):

Week1

Chapter 1 The entrepreneurial mind-set
Chapter 2 Corporate entrepreneurship
Chapter 3 Generating and exploiting new entries
Chapter 4 Creativity and the business idea
Exercise and homework
Case study
TA led review session
Group project stage-1

Week2

Chapter 5 Identifying and analyzing domestic and international opportunities
Chapter 6 Protecting the idea and other legal issues for the entrepreneur
Chapter 7 The business plan: creating and starting the venture
Chapter 8 The marketing plan
Exercise and homework
Case study
TA led review session
Group project stage-2
Mid-term exam

Week3

Chapter 9 The organizational plan
Chapter 10 The financial plan
Chapter 11 Sources of capital
Chapter 12 Informal risk capital, venture capital, and going public
Exercise and homework
Case study
TA led review session
Group project stage-3

Week4

Chapter 13 Strategies for growth and managing the implications of growth
Chapter 14 Accessing resources for growth from external sources
Chapter 15 Succession planning and strategies for harvesting and ending the venture
Exercise and homework
Case study
TA led review session
Group project stage-4
Final exam