

Introduction

ML0004 Career and Innovative Enterprise for the Future World



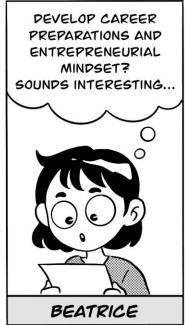
Agenda:

- Introduction to Course & Study Plan schedule
- Get familiar with Main Course & Tutorial sites
- Assessments (incl. Group Project)
- FAQ

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WHAT AM I DOING HERE?

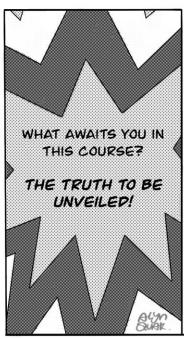












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^{**} DISCLAIMER: NAMES OF CHARACTERS DO NOT REFLECT REAL INDIVIDUALS



MLCPS

Margaret Lien Centre for Professional Success (MLCPS) was set up in 2014 with a S\$12 million gift from philanthropist Mrs Margaret Lien, wife of the late banker, hotelier and philanthropist Dr Lien Ying Chow to prepare NTU students for career success, impactful service and global citizenship in their professional lives

Now I am at university, where to next?





Kickstart your personal development JOURNEY



ML0004 Career and Innovative Enterprise for the Future World



An introductory course to be future-ready for career and innovative enterprises.

This course equips you with:



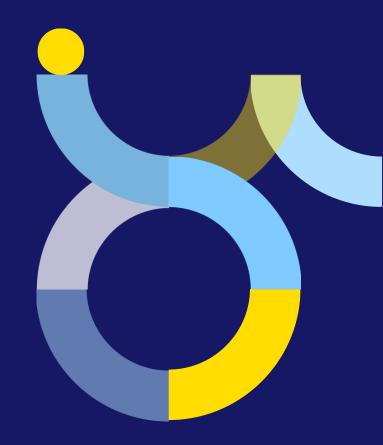
Practical skills needed in your **personal development** and **job search** to help you succeed in a new disruptive workplace



Basic appreciation of the key concepts of enterprise



Practical insights on the relevance of enterprise and teamwork skills



ML0004: Career & Innovative Enterprise for the Future World

Career Development Skills:

Plan One's Career Path:

- Career Aspirations
- SODA, VIPS
- Job considerations
- Adaptability

Career Path & Career Development

Innovative Enterprise Development

Transferable Skills:

Thinking Critically:

- Creative thinking (product ideation, conceptualisation, prototyping)
- Problem Solving (VPC, PBL problem solving skills)
- Decision making

Career Development Skills:

Career Preparation:

- Resume Writing
- Job Interview skills
- Elevator Pitch
- Networking
- Online presence

Transferable Skills:

Staying Relevant:

- Adapting to market demand
- Global perspective of market needs, overcoming challenges
- Self-management: time management, etc

Transferable Skills:

Interacting with Others:

- Collaboration, communication
- People skills
- Project Management
- Influencing decisions

ML0004 Career and Innovative Enterprise for the Future World

Modules	Topics
01	Future of Work & Developing an Innovative and Enterprising Mindset
02	Charting a Career Path
03	Fundamental Skills to Start a New Enterprise
04	Fundamental Skills for Career Development
05	Building Networking Skills for Career & Enterprise
06	Handling Ethical & Workplace Issues Professionally



Course Study Plan

Course Study Plan

Self-Directed Online Learning & MCQ via NTU Learn

Module	Title
01	Future of Work & Developing an Innovative and Enterprising Mindset
02	Charting a Career Path
03	Fundamental Skills to Start a New Enterprise
04	Fundamental Skills for Career Development
05	Building Networking Skills for Career & Enterprise
06	Handling Ethical & Workplace Issues Professionally

Face-to-Face Tutorial Seminars

Module	Weeks	F2F Seminar
02	1/2	F2F Seminar 1: Charting a Career Path
03	4/5	F2F Seminar 2: Skills to Start a New Enterprise
04	8/9	F2F Seminar 3: Skills for Career Development



Assessments



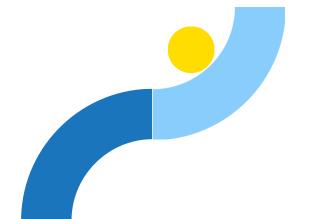
Assessment Components

Six MCQ quizzes	15%
Individual in-class assignments	10%
VMock critiqued résumé	15%
Interdisciplinary group project	60%
Total	100%



Mark Weightage	Sections	Topic
MCQ assessment (15%)	Module 1	Future of Work & Developing an Innovative and Enterprising Mindset
Online learning Online learning	Module 2	Charting a Career Path
 Self-directed, individual work 	Module 3	Fundamental Skills to Start a New Enterprise
 Due Week 10 Fri 24 Mar 2359h 	Module 4	Fundamental Skills for Career Development
 8 Questions per module 	Module 5	Building Networking Skills for Career & Enterprise
 Three attempts in 15 minutes 	Module 6	Handling Ethical & Workplace Issues Professionally

Mark Weightage	Seminar	In-Class Assignment Due Date
In-class assignment (10%)	Seminar 1 (Module 2) [F2F]	Action Plan Within 7 days from F2F seminar 2359 h
Face-to-face seminar	Seminar 2 (Module 3) [F2F]	Speaker Series Talk RJ Week 8 Monday 6 March 2359 h
 Individual work 		



assessment

Mark Weightage Description Submission Upload draft résumé into VMock (an online **VMock Critiqued** Create a résumé based résumé critique tool at **Résumé (15%)** on the job requirements https://www.vmock.com/ntu) to receive for a chosen internship feedback. Individual work, job advertisement. online assessment Résumé feedback - Green, Yellow/Amber or Red Due Week 11 70 marks and above is 10 marks Five tries allowed. Mon 27 March 2359h 1 - 69 marks is 5 No submission is 0

Mark Weightage	Assessments	Description
Inter- disciplinary	Problem solving planner (10%) Due 7 days after F2F Seminar 2 2359h	Unpack problem and plan project.
group project (60%)	Group project report (PowerPoint slides) (60%) Due Friday 24 March 2359h	 Develop a business solution to a problem identified. Apply intrapreneurship and entrepreneurship skills. Develop a business proposal.
	Project presentation (30%) Individual member's presentation Weeks 11 / 12	 F2F assessment Duration: 80 seconds per team member Q&A (all members)
	Peer assessment Due Mon 10 April 2359h	Peer evaluation via Peerceptiv.

ML0004 Career and Entrepreneurial Development for the Future World

Interdisciplinary Group Project

Group Project Problem Statements:

- 1. Abbott Singapore
- 2. ABR Holdings
- 3. Cambridge Therapeutics
- 4. CapitaLand
- 5. Micron (details will be announced soon)

Full problem statements and videos are available on the Tutorial site

- "Assessments for Individual Instruction & Group Project" section
- (Interdisciplinary Group Project folder)

Interdisciplinary Group Project:

- □ The team will work on developing a solution for a chosen organisation's problem and attend a Q & A session with an enterprise partner to ask questions.
- □ In allocated teams of 5-6, your team will identify a business solution and present it in a report (powerpoint slides) to be presented to relevant organisations.
- □ Each individual team member will orally present in 80 secs a section from the business idea presentation on Presentation Day.

□ Chance for students to transform their ideas into reality by pitching their innovative ideas to organisations after the course.

1.





https://freestylelibre.com.sg/

Singapore has one of the fastest documented rates of diabetes worldwide.

Since its introduction in Singapore in 2017, the FreeStyle Libre system has made a meaningful difference to people living with diabetes.

The FreeStyle Libre glucose monitoring system includes a coin-sized sensor, which is applied to the back of the upper arm for up to 14 days and continuously measures glucose, paired with a compatible smartphone app¹ that displays glucose readings.

A quick scan of the sensor with a compatible smartphone provides a real-time glucose reading and a detailed picture of a person's glucose levels, without the need for painful, routine fingersticks or daily calibration⁵, enabling meaningful interventions with actionable insights.

Using FreeStyle Libre's digital ecosystem, users can conveniently scan glucose data in real-time using a mobile app and also upload this data to a secure, cloud-based diabetes management system that can be accessed by health care professionals. The cloud-based software, LibreView, allows review of a patient's glucose data, enabling more informed treatment decisions. All the user needs to do is scan the sensor with a compatible mobile phone that is enabled with the FreeStyle LibreLink¹ app.

1.





Problem:

Questions for NTU students:

- 1. How can Abbott further <u>elevate awareness</u> of this technology in Singapore, in a big scale, for both elderly people living with diabetes and the younger, digital-savvy ones, including their caregivers?
- 2. Based on the current messaging available in the market, how would you improve on its value proposition?
- 3. What can Abbott do, to enable a user-centric 1st trial of the technology, to support new and existing users with FreeStyle Libre and in battling diabetes?
- 4. Do outline the customer journey leveraging on this pathway: Awareness > Consideration for Product > First Use > Retention

https://freestylelibre.com.sg/

2



more bətter



more batter, is a recent soft launched (September 2022) online food brand that is focused on fried chicken through third-party delivery platforms, via ABR Group's restaurant network.

Convenience is key for *more batter*; therefore, *more batter* is targeted to be at more than 20 distribution points by the end of Q2 2023 ("Island-Wide Roll Out"). Further, the chicken is boneless and served in a slim, compact box for ease of sharing, transporting and *phototaking*.

The brand aims to take consumers on a journey to different places in the world ("Customer Journeying") – one fried chicken at a time, by theming each season to a particular locale's cuisine. For its first season, more batter is in South Korea, which authentic Korean sauces, that includes, ginger soy, cheesy gochujang and honey garlic. Our direction is to further include more episodes on this flavor under the first season and create subsequent seasons for the other flavors we currently have and new flavors in the future.

We believe that more batter is *More Batter*, because of its special, crispy batter recipe, supercharged with double frying.

https://morebatter.com.sg/

2



more bətter

https://morebatter.com.sg/

Problem

With the impending **Island-Wide Roll Out**, ABR's *more batter*'s marketing, operations and strategy teams are coming together to make key decisions on the roll out of the *more batter* good brand.

Student teams should propose:

- A comprehensive marketing campaign to accelerate user-generated content on more batter.
- Key distribution points that should/could be the focus of distinct promotions (refer to Annex A for roll out locations). Suggest and provide substantial support for which mall locations in Singapore should the *more batter* campaign first launch for the first 3 months (more than 1 mall)
- 3. In line with the Customer Journeying,
 - 3.1 Propose next country specific themed cuisines e.g. Thailand focus for second season, etc.
 - 3.2 Suggest possible flavours with bite size fried chicken as the main ingredient and complementary products that can go alongside *more batter* fried chicken.
 - 3.3 Support suggestions with relevant research on the trends.

In your target customer segment research, your team can find out information including consumer behaviours for targeted age group, pricing, popular flavours (by countries), etc.





Cambridge Therapeutics is a specialised Medi-Spa for the face, body, and hair. We integrate a science-based approach along with top of the line products to create revolutionary treatment options. Curated by doctors, clients can expect safe, high-quality therapies that produce phenomenal results.

Founded by some of the best doctors in the field of medical aesthetics,

Cambridge Therapeutics prioritises an evidence-based approach in crafting

treatment options. By incorporating the latest advancements in medical

technology, the two fields of robotics and aesthetic care are married perfectly
to produce highly efficient procedures.



Problem

Ageing client base

Cambridge Therapeutics (CT) is a medical aesthetic spa founded in 2013 with a focus on aesthetic procedures administered by therapists. The procedures in medical aesthetic spas are primary medical-grade facial, body, and scalp treatments backed by science and evidence. The procedures are non-surgical, non-invasive, and comfortable, with long-lasting and visible results, and are typically performed by therapists. Medical spa treatments can include facial treatments for acne, pigmentation, wrinkles, and lifting; body treatments for fat reduction, tightening, and cellulite; and scalp treatments to prevent hair loss, etc.



CT was founded when the medical aesthetic industry wasn't competitive. Being an early entrant to the market, accompanied by luxurious and elegant interiors, CT has very successfully attracted an affluent and mature clientele. However, in the past decade, the demand for aesthetic procedures has grown significantly, and so has the supply. With more options in the market, clients have access to newer medical aesthetic centres offering cheaper services.

https://www.cambridgether apeutics.com.sg/ To upkeep the standard of our concierge-level services, our prices remain 10% to 20% above the industry average. This makes it a challenge to attract new clients. From 2013 to 2021, 70% of our clients are above 40 years of age. In 2022, it has increased to 90%. Even though this age group remains attractive, we must explore the remaining 10%, such as clients in their 30s.

How can we continuously attract clients in their 30s, while keeping our price competitive?

4.

Problem:



What can Singapore Science Park do to become a destination for individuals working or living in the neighbourhood precinct?

Placemaking Singapore Science Park in a post-pandemic era

Playing a role in serving the communities within the Singapore Science Park precinct

- Science Park is located within the greater one-north precinct with notable neighbours including:
 - National University of Singapore (NUS) (over 38,000 students)
 - National University Hospital (NUH)
 - one-north business park (working population est. 50,000 people)
 - Normanton Park condominium (2023 – est. 1,800 households)
- Science Park is connected to the Southern Ridges, providing 10km of outdoor experience.



The Singapore Science Park experience

Efforts were made to position Science Park as a tech park and an engaging workplace



















We have created functional space through careful amenities and services planning that address our customers' needs, and well-crafted programming and partnership that connect and engage people and businesses.



Some challenges remain...

Our events and programmes are focusing on delighting tenants, and hence have not helped to lift the reputation and relevance of Science Park beyond the tenant community.

Placemaking Science Park with Purpose

Creating a distinct position of the park in the mind of our stakeholders across dimensions

We endeavor to create **experiences** across Singapore Science Park, at different places and spaces, at varying intensity and frequency, for a spectrum of customers, from individuals, families to groups, and from students, businesses to professionals, through various touchpoints and interfaces.

From installing function-specific spaces, to curating amenities and services, to crafting the programming and organising the activities, we strive to inject **permanent and temporal elements** into our estate over time, to grow and deepen the roots of belonging of our customers in our estate.





Details will be announced shortly.



https://sg.micron.com/

Problem Identification & Analysis (What is the big problem?)

Solution's Value Proposition (What is your innovative solution and value does it offer?)

Target Customers / Users (Who do you help & what are customers'/users' needs?)

Solution Design

(How does the solution's features meet the needs of users / customers?)

Competitor Analysis

(How promising is the

Market Potential

market?)

(How does your product compare?)

Financial Viability

(How much will it cost, be priced and be financially sustainable or profitable?)

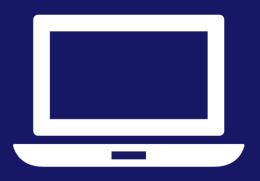
BUSINESS PROPOSAL REPORT (POWERPOINT SLIDES) (60%)

6 COMPONENTS & EXECUTIVE SUMMARY

Executive Summary

(Snapshot Summary)

Navigating NTULearn



1. Course site (main site):

ML0004-CAR & INN ENT FOR THE FUT

WLD (LEC – ALL) AY2022/23 Sem 2

2. Tutorial Class site:

ML0004-CAR & INN

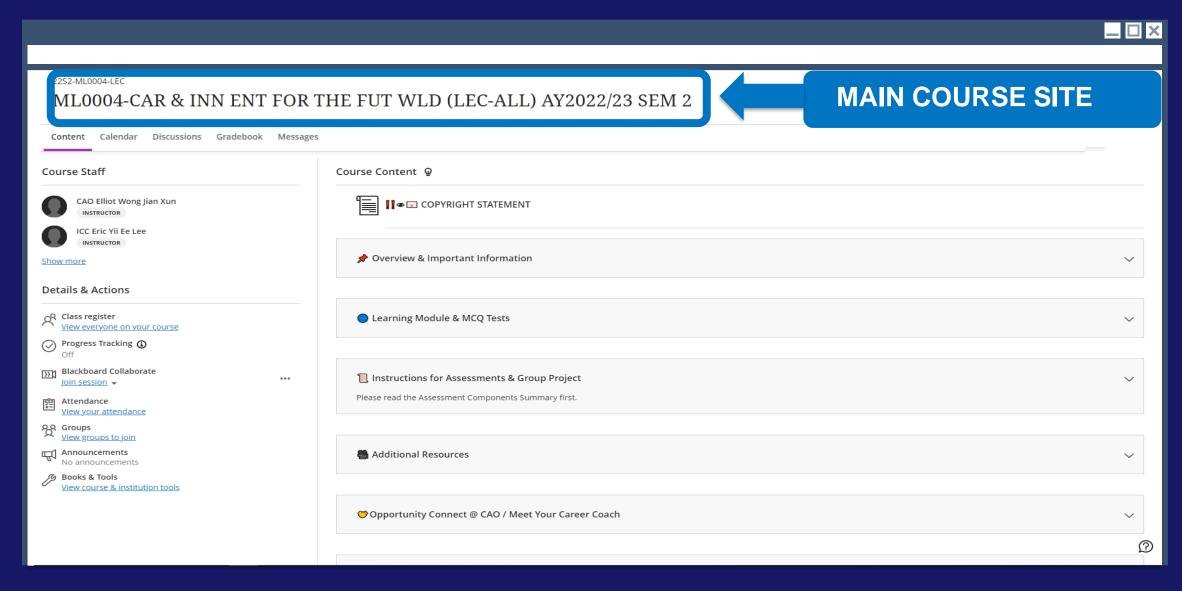
ENT FOR THE FUT WLD (TXX)

AY2022/23 Sem 2

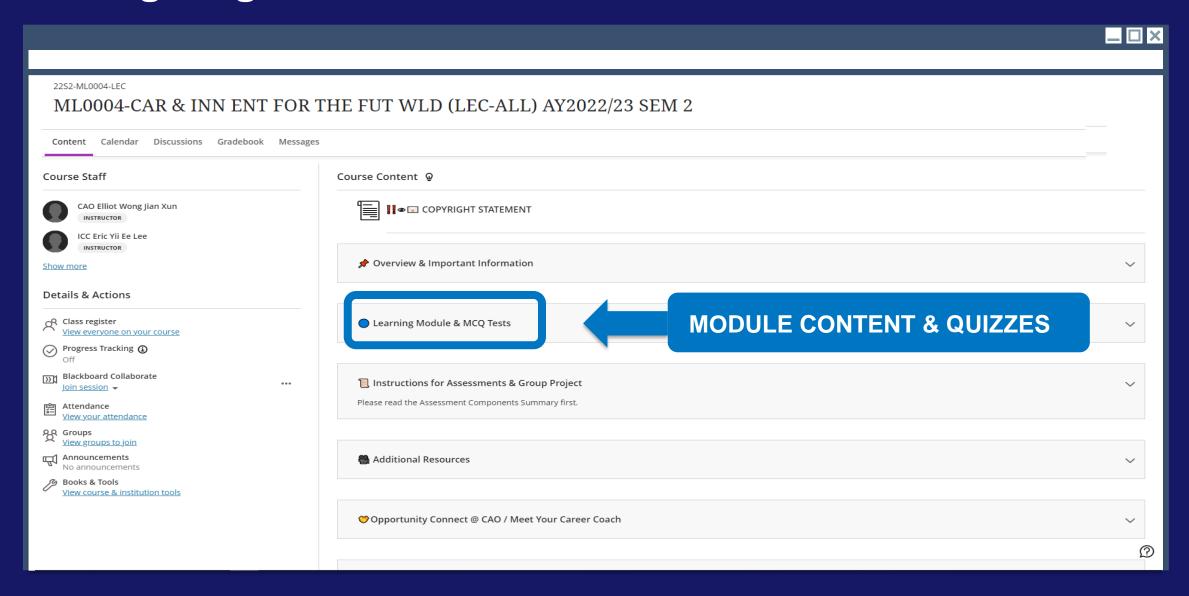
XX represents tutorial class number



Navigating NTULearn – Main Course Site



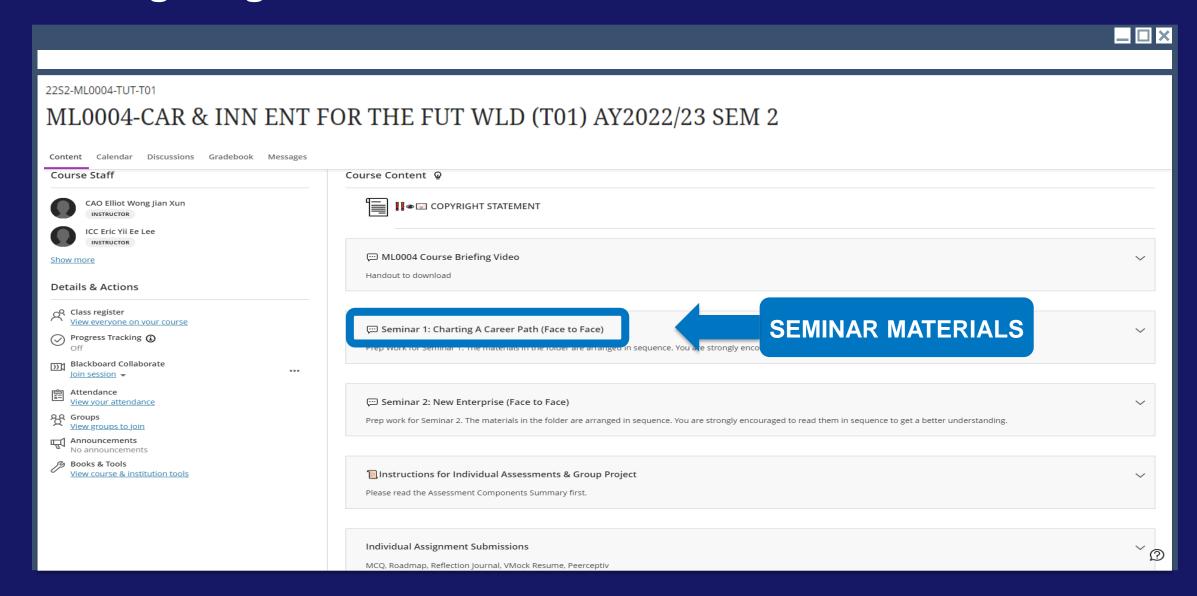
Navigating NTULearn – Main Course Site



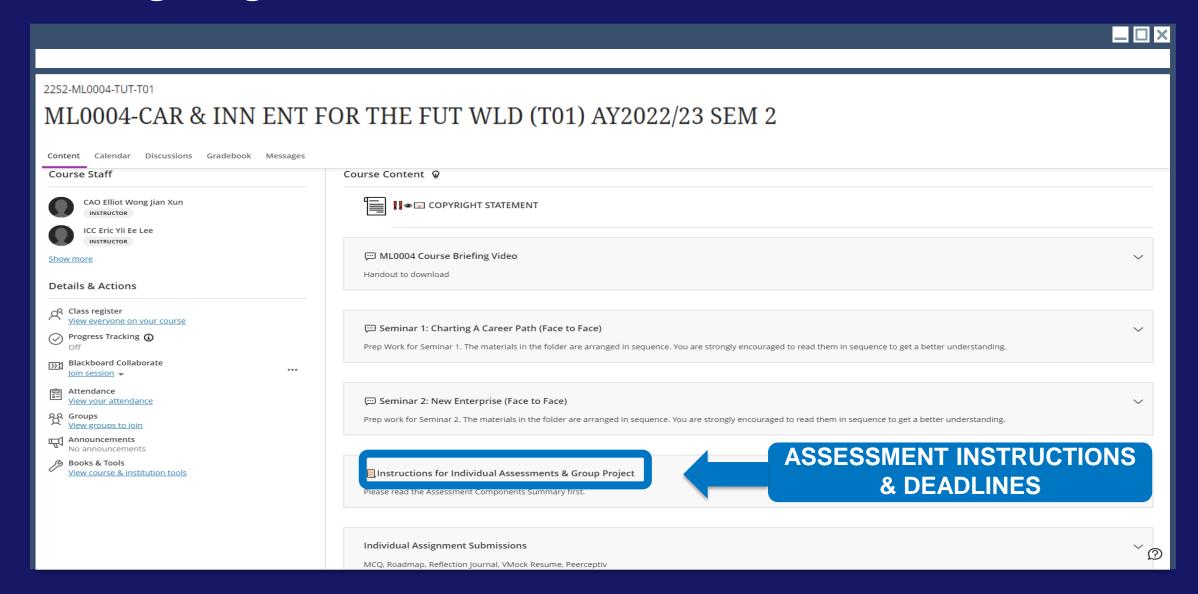
Navigating NTULearn – Tutorial Site



Navigating NTULearn – Tutorial Site



Navigating NTULearn – Tutorial Site



FAQ



Q1. How should I go about completing the group project report (PowerPoint slides)?

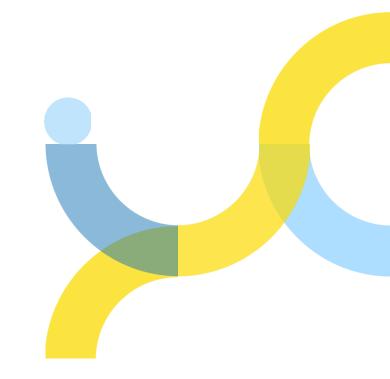
- Meet your team members in our Seminar 1 face-to-face session.
- Meet virtually or face-to-face, get to know each other and start brainstorming.
- Download the group project guide and rubrics.

Q2. Can I change to another group or form my own group?

No, learning to work collaboratively with students from diverse backgrounds is an important skillset.

Q3. Can I work solo on the project?

No, this is a collaborative group project.



Q4. What should I do if I cannot have a good relationship with my group members?

- To work well with others, do find common ground with your team members.
- Communicate frequently.
- Respect one another's opinions.

Q5. How does peer evaluation affect our score?

- Individual member will rate his/her other team members on his/her commitment, contribution, effort put into the project work. The score one receives has an impact on individual score for the group project assessment.
- Peer evaluation is done via Peerceptiv platform.



PEERCEPTIV PEER EVALUATION

Average Rating Range (min: 1; max: 9)	Marks Deduction (out of 100%)	Final Adjusted Marks (out of 100%)
≥ 6.5	0%	Original team assignment mark (M%)
≥ 5.5 to < 6.5	-5%	M% - 5%
≥ 4.0 to < 5.5	-10%	M% - 10%
≥ 3.0 to < 4.0	-15%	M% - 15%
> 1.0 to < 3.0	-20%	M% - 20%
= 1.0	-M%	0%

- ☐ Should a student fail to complete the teamwork evaluation of all other members in his/her group, 5% will be deducted from the student's final team assignment mark.
- ☐ All assessments and qualitative comments are confidential. Team members will only be able to see the compiled qualitative comments given by their team members.

Q6. What should I do if I cannot make it to one (or more) of the face-to-face sessions?

If you have valid reasons for the absence, do inform the instructor.

Q7. What if I miss the deadline for an assessment?

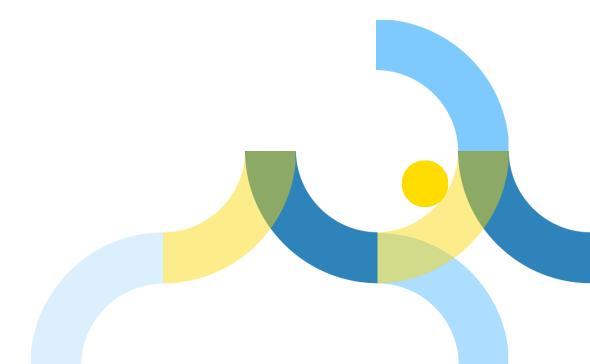
Penalty for late submission: 5 marks will be deducted per day (the weekend is counted as two days).

Q8. Can I ask for an extension for an assessment?

Your request for an extension for assessment will be considered on a case-by-case basis.

Q9. What is the expected behaviour of a student for this course?

- Take <u>ownership</u> for your learning.
- Show respect to your instructors and peers.
- Plagiarism, infringement of copyright, such as circulating course materials online is a violation of NTU's rights.
- Avoid posting disrespectful messages via social media, online or other platforms.



Course Study Plan – Weekly Schedule

Week	Seminar
0	Self-Directed Learning: ML0004 Course Briefing Video
1/2	F2F Seminar 1: Charting a Career Path Self-Directed Learning Mods 1 & 2 Action Plan Submission 7 Days from F2F seminar 2359 h
4/5	F2F Seminar 2: Skills to Start A New Enterprise Self-Directed Learning Mod 3 Enterprise Partners Q & A Session (Evenings – Week 5)

Week 3 is CNY Week – no ML0004 F2F seminars for that week

Course Study Plan – Weekly Schedule

Week	Seminar
6/7	Project Consultation 1 (in classroom) Speaker Series Talk (recording)
Recess to Week 10	Project Consultation 2 (by appointment only)
8/9	F2F Seminar 3: Skills for Career Development Self-Directed Learning Mods 4, 5 & 6 Speaker Series Talk Reflection Journal Submission Monday 6 March 2359 h
10	Group Project Submission Friday 24 March 2359h 6 MCQs completion Friday 24 March 2359h
11 / 12	VMock Resume Submission Monday 27 March 2359h F2F Group Project Presentation Assessment
13	Peerceptiv Peer Evaluation Submission Monday 10 April 2359h

Announcement



Student Leadership Development Programme (SLDP) Foundational Leadership Module



L1	Foundational Leadership	All students
L2	Emergent Leadership	Student leaders
L3	Impactful Leadership	Selected leaders

Refer to https://www.ntu.edu.sg/life-at-ntu/student-life/student-leadership for more information.



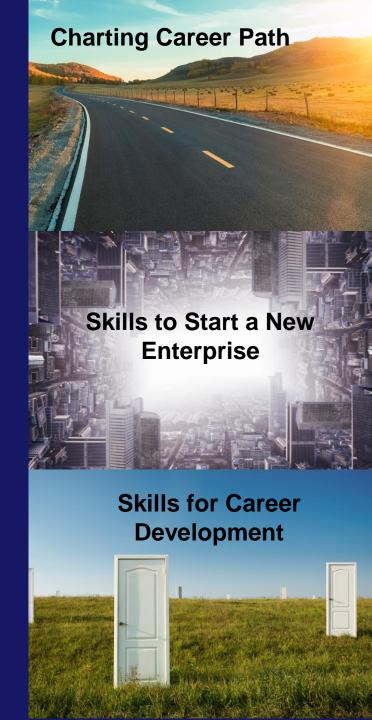
Face To Face Seminars

Seminar 1
Weeks 1 / 2

ML0004 Career and Innovative Enterprise for the Future World

Seminar 2
Weeks 4 / 5

Seminar 3 Weeks 8 / 9



Module 1: Future of Work & Developing an Innovative and Enterprising Mindset



- Technology, jobs and the future of work
- Job vs. meaningful and fulfilling career
- 21st century skills
- Innovation and enterprise in 21st-century economies
- Entrepreneurship and Innovation in 21st century economies
- How to develop an entrepreneurial mindset
- Intrapreneurship: Applying entrepreneurship in existing organisations
- Interview with employers and founders

Next Steps

WEEK 0 (THIS WEEK)

Download and read the **Course Guide** on the main course site

WEEK 1 / 2 (FACE TO FACE) SEMINAR 2 (check your tutorial class schedule)

1. Complete Modules 1 & 2 Online and Quiz on the main course site

Download your completed self-assessments covering Career Values, Interests, Skills in the section Career Values/Occupational Interests/Motivated Skills and bring to the seminar

2. Watch **Seminar 1 Pre-Seminar Video** on tutorial site.

Access the Group Project Problem Statements, videos and project guide on the tutorial sites



Example of your Career Values self-assessment

Contact Details



If you miss a seminar, please email your course instructor before the class.

Course coordinators: Dr. Kelvin Lee & Patricia Lai

E-mail Elliot Wong for general enquiries, technical issues

or if you have not been added to the tutorial site at

E-mail: MLCPS-ML0004@ntu.edu.sg

IT help: https://www.ntu.edu.sg/about-us/contact-us

QUESTIONS?





HOW DO I DO WELL IN THIS COURSE?

COURSE GUIDE

REFER TO THE ML0004

BE PATIENT AND RESPECTFUL TO OTHERS. IT'S WRITTEN IN THE COURSE GUIDE

HOW CAN I WORK

WELL WITH MY TEAM?

HOW DO I PERFORM WELL FOR THE PRESENTATION ?



REFER TO THE ML0004 COURSE GUIDE

HOW DO I PERFORM WELL FOR THE PRESENTATION QUA ?



REFER TO THE ML0004 COURSE GUIDE

WHAT COURSE GUIDE? 00

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YOU CAN FIND THE COURSE GUIDE ON NTULEARN

OALYN QUAK. ALL RIGHTS RESERVED.

CHECK YOUR E-MAILS DAILY	

- LOOK OUT FOR ANNOUNCEMENTS ON THE RELEASE OF YOUR ALLOCATED TEAM LIST
- ☐ CHECK YOUR CLASS SCHEDULE
- □ SEE YOU IN FACE-TO-FACE SEMINAR 1 (WEEK 1 / 2)!

