SYLLABUS

Name of Institution: Mahidol University International College (MUIC)

Division: Business Administration Division

§1. General Information.

1. Faculty Member:

Lecturer Name:	Mr. Teradej Dejrangsi
E-mail:	solitino.leptonic@gmail.com
Telephone:	081-710-4959
On campus Schedule: Office:	Friday 12:00 – 16:00 Hour
Office Hours:	4th floor, BA Division, MUIC
	n.a.

§2. Goals and Objectives

2.1 Course Goal.

This course equips students with most recent technological developments and know-hows in Digital Economy enabling them to thrive through innovative ideas and practical technical skills and comprehension of regulatory framework incentivising them to embark on a start-up business of their choice.

2.2 Objectives of Course Development/Revision

Course Learning Objective (CLO)	Program Learning Objectives (PLO)
CLO1: Develop deep understanding of Digital Economic Business concept and opportunities.	PLO6 Students are able to consolidate business creativity and technologies in creating bespoke business enterprise within Digital Economic landscape.
CLO2: Comprehend and Instrumental in employing suitable digital technologies in developing Digital Age business model.	
CLO3: Develop in-depth understanding of Digital Currencies with respect to their functionalities and respective intended usage in conducting business in the Digital Age.	
CLO4: Ability to discern and analyse appropriate channels to raise capital for "start-ups" and future expansions.	
CLO5: Develop business network through collaborations forming Global Digital Enterprise.	

§3. Course Management

1. Course Description
a. General Description

Thai	การศึกษาปัญหาร่วมสมัย, แนวโน้มอุตสาหกรรม, ทฤษฎีและการปฏิบัติที่ดีในสาขาการบัญชีและการเงินเพื่อตอบสนองต่อการเปลี่ยนแปลงของสภาพแวดล้อมทางธุรกิจ
English	A study of contemporary issues, industry trends, theories, and best practices in accounting and finance in response to the changing business environment.

b. Specific Description

Thai	การศึกษา digital ecosystem เทคโนโลยีที่เอื้อต่อการเข้าสู่กระบวนการทำธุรกิจในยุค digital สกุลเงินลักษณะ digital และการสร้าง platform ในการทำธุรกิจอย่างสากล
English	A study of Digital Ecosystem, technologies available for digital transformation, Digital Currencies and global platform building.

2. Credit Hours per Trimester

Lecture (Hours)	Laboratory/Field Trip/Internship (Hours)	Self-Study (Hours)
48 Hours	0	96 Hours
4 hours x 12 weeks		8 hours x 12 weeks

§4. Teaching and Evaluation Plans

4.1 Teaching Plan.

Class (week)	Topic/Details	Number of hours		Online Sessions	On-Campus	Instructors	Note
		In-Class sessions	Lab sessions				
1	Digital Economy Essential Ecosystem.	**0**		**4**	**0**	Teradej	
2	Digital Technology Tools : Cloud Data Management, "Distributed Ledger Technology (DLT)" (e.g. Blockchain), Smart Contract, Data Science and A.I.	**0**		**4**	**0**	Teradej	
3	Applications of Tech Tools. Healthcare; Internet of Bodies	**0**		**4**	**0**	Teradej	
4	Crowd-funding/lending, banking innovation, service system design and collaborations.	**0**		**4**	**0**	Teradej	Example from Asset Management Industry
5	Ant Financials. Internet Finance,	**0**		**4**	**0**	Teradej	

Class (week)	Topic/Details	Number of hours		Online Sessions	On-Campus	Instructors	Note
		In-Class sessions	Lab sessions				
	Entrepreneurship and AliPay Disruptive Strategy. Digital Infrastructure for Green Economy						Example. Future of Food, Circular Economy
6	Assignment 1 Group Presentation	**0**		**4**	**0**	Teradej	
7	[1] Digital Currencies Universe. [2] Digital Currencies and Monetary System. [3]Examples of Digital Currencies, Digital Signature Technology and Payment Technology.	**0**		**4**	**0**	Teradej	
8	Cryptocurrency: A Central Bank Strategic choice, New Venture Creation, Fintech, general management/strategy and Entrepreneurship.	**0**		**4**	**0**	Teradej	
9	"Stable Coin" and Initial Coin Offering (ICO).	**0**		**4**	**0**	Teradej	
10	China Monetary system, PBoC's Digital Currency, Digital Legal Tender, Ethereum and New Digital Currency Research Institute.	**0**		**4**	**0**	Teradej	
11	Latest development in Digital Economy.	**0**		**4**	**0**	Teradej	
12	Assignment 2 Group Presentation	**0**		**4**	**0**	Teradej	
	Total	**0**	**0**	**48**	**0**		

4.2 Evaluation

Methods/ Activities	Week	Percentage
Final Exam	After week 12	40%
Group Assignment - Reports	6 and 12	40%
Group Assignment - Presentations	6 and 12	10%
Attendance / Participation	access to LIVE (random checked)	10%
TOTAL		**100%**

4.3 Grading System.

Grade	Score (%)
A	90-100
B+	85-89
B	80-84
C+	75-79
C	70-74

Grade	Score (%)
D+	65-69
D	60-64
F	Below 60
I	Incomplete
W	Withdraw

Passing score 60% and above, "D" grade.

§5. Teaching Materials and Resources

5.1 Main Text and Documents : None

5.2 Recommended Documents and Information

Required Reference List
All course materials are available on E-Learning

§6. Evaluation and Improvement of Course Management

Assessment of Learning Outcomes:		
PLOs	**CLOs**	**Assessment**
Students are able to consolidate business creativity and technologies in creating bespoke business enterprise within Digital Economic landscape.	1: Develop deep understanding of Digital Economic Business concept and opportunities.	Examination Project assignment
	2: Comprehend and Instrumental in employing suitable digital technologies in developing Digital Age business model.	Examination Project assignment
	3: Develop in-depth understanding of Digital Currencies with respect to their functionalities and respective intended usage in conducting business in the Digital Age.	Examination Project assignment

	4: Ability to discern and analyse appropriate channels to raise capital for "start-ups" and future expansions.	Examination Project assignment
	5: Develop business network through collaborations forming Global Digital Enterprise.	Examination Project assignment

COURSE POLICY

- There is be <u>NO extra</u> exercise/assignment to pass this course.
- According to "Student Handbook" under the policy of classroom, students are required to have at least **80% class attendance** to be eligible to take the final examination. Three late attendances (of more than 15 minutes equal one absence).
- Any kind of <u>academic dishonesty</u>, such as cheating in the exams, or copying someone's work, will not be compromised. Students who are considered to have engaged in academic dishonesty will be recommended for **an "F"** in this course.
- Students must wear *regular uniform* in class and anywhere else on campus. Students wearing improper uniform to class will not be allowed to enter the classroom and will be marked as absent.
- In order to be successful in this course, students need to read the listed reading materials before coming to class and regularly review the lessons after class.
- Student must <u>bring a calculator</u> when come to class. Calculator on mobile phone or tablet PC is not permitted. *Students are <u>not allowed</u> to use smart phones or other smart devices during the quiz and examinations* and if use, will be considered as violating the examination policy of the College.
- There will be no change of grade after the online submission of the final score and grade through the OAA. Do your best during the term, and do not wait until it is too late.

On-Line Instruction Guideline.

I. Technical requirement
- Basic computer with video and audio equipment
- USB headset with microphone
- Computer with updated operating system i.e. Microsoft Windows, Mac
- Internet connection
- WebEx (*you must create a WebEx profile and install the plug-in*)
- Zoom (*you must register for a Zoom account and install the software*)
- Turnitin (*you must create a Turnitin profile*)
- @mahidol.edu account (*you must register for an account*, *this is for MU student*)

II. Instructional guideline
- Joining the classroom – discussion based LIVE session will be conduct via WebEx or Zoom (*provide link and access code*). Students <u>must use his/her full name and student ID#</u> to enter the LIVE session of this course, nickname is not allowed.
- Conducting the lectures – lecturer throughout the term will be provided through VDOclip of the power point presentation. Students can access via MUIC e-learning platform (*provide link and access code*)
- Accessing course material – other course materials such as assignment can be access via MUIC e-learning platform (*provide link and access code*)
- Submitting class assignments – All assignments for this course will be submitted electronically through e-learning platform unless otherwise instructed. Only exceptional case of VDO presentation is to be uploaded via google drive of this class.

- Taking quiz and examination - will be scheduled and is on LIVE session. Quiz and exam will be posted on e-learning. During the quiz and exam session, lecturer will monitor the session. Exam will be submitted through e-learning platform.

III. Communication guideline
- SKY System is the channel of all correspondence. You are required to use MUIC Official email address.

IV. Assessment of online participation and attendance
- Students are expected to participate in ALL online activities as listed on course calendar. Attendance will be checked according to your login to access LIVE on Webex or Zoom.
- Once the LIVE session is on, you are required to turn on your camera at all time.