

CAI8001: GRIT (GRADUATE RESEARCH AND INNOVATION TREK) INTEGRATED PROJECT

New Syllabus Proposal

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

GRIT (Graduate Research and Innovation Trek) Integrated Project

Subject Code

CAI - CityU Academy of Innovation

Course Number

8001

Academic Unit

CityU Academy of Innovation (CAI)

College/School

No Faculty Designation (00)

Course Duration

Two Semesters

Credit Units

0-6

Level

R8 - Research Degree

Medium of Instruction

English

Medium of Assessment

English

Part II Course Details

Abstract

The course aims to provide an immersive and practical experience for the students to engage in entrepreneurial activities, collaborate with industry partners, and develop essential skills in technology transfer and commercialization. Each student should prepare a business proposal in consultation with his/her industrial advisor, and the proposal shall be ready for initial seed funding application at the end of the course.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Validate the product and market		x	x	x
2	Analyze the cost and business		x	x	x
3	Develop IP and growth strategies		x	x	x
4	Demonstrate skills in business pitching for funding		x	x	x

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	Workshop	In workshops, students will engage in key theories on venture creation, and discussion and practice what they learned by doing in-class exercises and presentations.	1, 2, 3	
2	Consultation sessions	Students will discuss with their industrial advisors to obtain guidance and advice in formulating a business proposal.	1, 2, 3, 4	

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	Participation	1, 2, 3, 4	50	-	Yes
2	Business proposal and presentation	1, 2, 3, 4	50	-	Yes

Continuous Assessment (%)

100

Assessment Rubrics (AR)**Assessment Task**

Participation

Criterion

Participation in activities

Pass (P)

Participation in more than 80% of the activities. Showed up for activities punctually, even ahead of time.

Failure (F)

Participation in less than 80% of the activities. No show or very late, negligently or no excuse offered.

Assessment Task

Business proposal and presentation

Criterion

Quality of the proposal to demonstrate a good level of competence in technology and innovation, business viability, execution and planning, clarity of presentation, effectiveness of pitching, and other domain relevant aspects.

Pass (P)

Completed assigned work on schedule and demonstrated basic level of competence or higher.

Failure (F)

Needed reminding or completed the work late, with poor quality.

Part III Other Information**Keyword Syllabus**

Essential skills in formulating a viable business idea; development of proof-of-concept prototypes; minimum viable products; opportunity checklist; market and industrial value chains; value proposition; product specs and roadmaps; environment and sustainability; intellectual property protection; revenue models; team management; investment pitching skills.

Reading List**Compulsory Readings**

Title	
1	Nil

Additional Readings

Title	
1	Nil