

## **Annexe A: New/Revised Course Content in OBTL+ Format**

### **Course Overview**

The sections shown on this interface are based on the templates [UG OBTL+](#) or [PG OBTL+](#)

If you are revising/duplicating an existing course and do not see the pre-filled contents you expect in the subsequent sections e.g. Course Aims, Intended Learning Outcomes etc. please refer to [Data Transformation Status](#) for more information.

Expected Implementation in Academic Year	AY2023-2024
Semester/Trimester/Others (specify approx. Start/End date)	Semester 1
Course Author * Faculty proposing/revising the course	Sean Mulhearn
Course Author Email	sean@jacarandacp.com
Course Title	Commodities Trading
Course Code	BF3214
Academic Units	2
Contact Hours	26
Research Experience Components	

## Course Requisites (if applicable)

Pre-requisites	
Co-requisites	
Pre-requisite to	
Mutually exclusive to	
Replacement course to	
Remarks (if any)	

## Course Aims

This course aims to prepare you for a career in the global commodities markets by introducing you to global commodity market conventions, supply chains, risk management and investment techniques. It will also give you an understanding of the key industry participants and their role across the commodity supply chain. You will also gain valuable insight into market conventions, terminology and best practices in risk management.

## Course's Intended Learning Outcomes (ILOs)

Upon the successful completion of this course, you (student) would be able to:

ILO 1	Articulate key global commodity market terminology and conventions.
ILO 2	Identify and quantify financial risks associated with key participants across the commodity
ILO 3	Define the importance of risk management and analyze basic risk management techniques
ILO 4	Describe the various techniques to invest in commodities and how it adds value to an investment portfolio

## Course Content

• Overview of global commodity markets and the importance of risk management • Characteristics, terminology, industry jargon and market conventions in global commodity markets • Discussion of the regulatory and competitive environment • Analysis of the commodity supply chain and how to identify and quantify key financial risks • Traditional and structured risk management highlighting industry best practices. • How to invest in commodities and capitalize on market volatility • Practical case studies highlighting Asian companies and exposures.

## Reading and References (if applicable)

• There is no text book for this course. • References and relevant articles to be posted on course website • Students will have to do their own research. Guidance will be provided whenever required. • Slides will be provided for all seminars.

## Planned Schedule

Week or Session	Topics or Themes	ILO	Readings	Delivery Mode	Activities
1	Introduction to Commodity Markets Elements of Trading Energy Markets	1-4	As per G above	In-person	
2	Bulks and Agri Precious and Base Bloomberg and Reuters	1-4	As per G above		
3	Industry Case Study Group Exercise Quiz 1	1-4	As per G above		
4	Investing in Commodities Structures Solutions Risk and Controls	1-4	As per G above		
5	Group Case Study Wrap up	1-4	As per G above		

## Learning and Teaching Approach

Approach	How does this approach support you in achieving the learning outcomes?
Seminars on Basics	Seminars on Global Commodities markets, focusing on identifying and managing risk across the Commodity Supply Chain aim for students to acquire the BASICS and fundamentals involved.
Seminars on Application	Real-life and practical dynamics would be the focus, establishing the foundations required for further exploration. Application of basics in real life situations via case studies and testing the students on their appreciation of basics and their applications.
Performance	This provides opportunities for students to apply what they have learnt in class into practice in an authentic setting, with aim for assessing their progress.
Individual Quizzes	Individual Quizzes specific topics to assess appreciation of basics
In-Class activities and Group assignment	Group Assignments providing opportunities to develop teamwork on application to more complex real-life issues involved in global trading
Extra Consultations	Enhancement of the core knowledge acquired in the seminars, allowing for resolution of issues and further in-depth development.

# Assessment Structure

Assessment Components (includes both continuous and summative assessment)

No.	Component	ILO	Related PLO or Accreditation	Weightage	Team/Individual	Rubrics	Level of Understanding
1	Continuous Assessment (CA): Class Participation(Seminar participation)	1-4	Oral Communication	10	Individual		
2	Continuous Assessment (CA): Report/Case study(Group case study and presentation)	1-4	Problem Solving & Decision Making, Oral Communication	50	Individual		
3	Continuous Assessment (CA): Test/Quiz(Quiz 1)	1-4	Problem Solving & Decision Making	20	Individual		
4	Continuous Assessment (CA): Test/Quiz(Quiz 2)	1-4	Problem Solving & Decision Making	20	Individual		

## Description of Assessment Components (if applicable)

Important Notes:

\*Group Case Study

Total weightage is 50% split into 2 components- Group Grade (25%) and Individual (25%)

Every member is required to present.

Groups and individuals will be judged on several measures:

Identification of risks

Sensitivity analysis of risks- i.e. the impact of changing prices

Analysis of various risk management alternatives

Clarity ideas

Presentation skills

Students will be expected to complete a compulsory peer evaluation. Group marks will be adjusted based on the feedback and rating provided by their peers.

## Formative Feedback

- Feedback will be given in terms of scores for each quiz, identifying common mistakes and provide guidance that strengthens your understanding of the topics.
- Team assignments are another indicator of how each of you are progressing through the course. Feedback will be provided on your findings and ideas, and soft skills (e.g. negotiation abilities, presentation skills)

## NTU Graduate Attributes/Competency Mapping

This course intends to develop the following graduate attributes and competencies (maximum 5 most relevant)

Attributes/Competency	Level
Collaboration	Basic
Communication	Basic
Developing People	Basic
Sense Making	Basic
Project Management	Basic

# Course Policy

## Policy (Academic Integrity)

Good academic work depends on honesty and ethical behaviour. The quality of your work as a student relies on adhering to the principles of academic integrity and to the NTU Honour Code, a set of values shared by the whole university community. Truth, Trust and Justice are at the core of NTU's shared values. As a student, it is important that you recognize your responsibilities in understanding and applying the principles of academic integrity in all the work you do at NTU. Not knowing what is involved in maintaining academic integrity does not excuse academic dishonesty. You need to actively equip yourself with strategies to avoid all forms of academic dishonesty, including plagiarism, academic fraud, collusion and cheating. If you are uncertain of the definitions of any of these terms, you should go to the academic integrity website for more information. On the use of technological tools (such as Generative AI tools), different courses / assignments have different intended learning outcomes. Students should refer to the specific assignment instructions on their use and requirements and/or consult your instructors on how you can use these tools to help your learning. Consult your instructor(s) if you need any clarification about the requirements of academic integrity in the course.

## Policy (General)

Students are expected to complete all assigned pre-class readings and activities, attend all seminar classes punctually and take all scheduled assignments and tests by due dates. Students are expected to take responsibility to follow up with course notes, assignments and course related announcements for seminar sessions they have missed. Students are expected to participate in all seminar discussions and activities.

## Policy (Absenteeism)

Requires you to be in class to contribute to team work. In-class activities make up a significant portion of your course grade. Absence from class without a valid reason will affect your overall course grade. Valid reasons include falling sick supported by a medical certificate and participation in NTU's approved activities supported by an excuse letter from the relevant bodies. There will be no make-up opportunities for in-class activities. If you miss a seminar session, you must inform your team members and me via email (include email address) prior to the start of the class

## Policy (Others, if applicable)

(3) Quiz and Assignments  
You are required to submit any quizzes and assignments by the due dates.

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