



CLASS SCHEDULE

Course: 6303502 Perspectives in Petroleum and Energy Technology
6301501 Perspectives in Petrochemical Technology

Program: Petroleum & Energy Technology and Petrochemical Technology

Room: *Combined class PLE/PC/PO (Room 305) <https://chula.zoom.us/j/3050010001> Meeting ID: 305 001 0001
PLE/PC (Room 305) <https://chula.zoom.us/j/3050010001> Meeting ID: 305 001 0001

Duration: July 15 - July 25, 2024

Course Co-ordinator: Asst. Prof. Piya Ouraipryvan/ Dr. Natthapong Sueviriyapan/ Dr. Phumin Thanardna

Date	8:30-10:00	10:00-10.15	10:15-11.45	11.45:13:00	13:00-14:30	14:30-14:45	14:45-16:15
Monday, July 15	Orientation*	Break	Meet advisor (PLE&PC)	Lunch break	"Techical Development in Petroleum and Petrochemical Complex"* Prof. Thirasak Rirksomboon	Break	English- I*
Tuesday, July 16	"The Big Picture of Energy Outlook, Energy Crisis, and Energy Transition"* Dr. Ruengsak, PTIT	Break	"Petroleum Value Chains"* Asst.Prof. Kitipat Siemanond	Lunch break	"Overview of Petroleum Refinery"* Asst.Prof.Piya Ouraipryvan	Break	English-II*
Wednesday, July 17	"Petrochemical Industry and Development of Thailand's Economy"* Dr.Veerapat Tantayakom, PTTGC	Break		Lunch break	"Polymer Value Chains"* Prof. Rathanawan Magaraphan	Break	English-III*
Thursday, July 18		Break	"Hydrate technology as a platform for energy and CO2 storage" Prof.Pramoch Rangsunvigit	Lunch break	"Gas Processing" Asst.Prof.Uthaiporn Suriyaphradilok		English-IV*
Friday, July 19	"Alternative Energy" Prof. Apanee Luengnaruemitchai	Break	"World of Catalyst in Petrochemical Industry" Prof. Sirirat Jitkarnka	Lunch break	Library* "Orientation & Information searching" (Center of Academic Resources) (7th floor, Central library building)	Break	Library* "Endnote & Turnitin" (Center of Academic Resources) (7th floor, Central library building)
Monday, July 22	"A Practical Perspective: Industry 4.0 in Rubber & Plastic Industry"* Dr. Chayo Trangadisaiikul	Break	"Circular Economy and Sustainable Materials Management" Dr.Phumin Than-Ardna"	Lunch break	"Surfactants: Fundamental Properties to Applications" Prof. Sumaeth Chavadej	Break	English-V*
Tuesday, July 23	"Application of Modern Data Analytics in E&P Business" Mr. Peerapong Ekkawong	Break	"UN Sustainable Development Goals @ Chulalongkorn University" Prof. Boonyarach Kitiyanan	Lunch break	"Life Cycle Thinking" Asst. Prof.Ampira Charoensaeng	Break	English-VI*
Wednesday, July 24	"Digitalization in Petroleum and Petrochemical Industries: Present and Future"* Mr. Siricharn Jirapongphan, SCG	Break	"Applications for Additive Manufacturing Technology"* Dr. Nuttapol Risangud	Lunch break	Intro to Python for beginner I* Assoc.Prof. Stephan Dubas	Break	English-VII*
Thursday, July 25	Hitachi	Break	"Enabling Industrial Decarbonization through Data-Driven Digitalization 101"* Dr.Nattapong Sueviriyapan	Lunch break	Intro to Python for beginner II* Assoc.Prof. Stephan Dubas	Break	English-VIII*
Friday, July 26	"Net Zero Petrochemicals Industry"* Dr. Butra Boonliang, SCG Chemical	Break	"Petrochemicals Value Chains"* Assoc. Prof. Siriporn Jongpatiwut	Lunch break			