

**Teaching Schedule  
First Semester**

Course	Date	Petroleum & Energy Technology	Petrochemical Technology	Polymer Science
Intensive Course	June 20–July 1, 2022	6303502 <b>Perspectives in Petroleum and Energy Technology</b> Piya, PPC (Co-or)	6301501 <b>Perspectives in Petrochemical Technology</b> Piya, PPC (Co-or)	6302501 <b>Perspectives in Polymer Science</b> Stephan, PPC (Co-or)
	June–November	6303628/6301645/6302640 (for 2 <sup>nd</sup> year & Ph.D. students) <b>Advanced Management in Research and Innovations</b> PPC faculties		
	June–October	6301655 <b>Digital Transformation Tools for Petroleum and Petrochemical Industries I</b> Uthaiporn, PPC (Mon 1.00-3.00 p.m.) Stephan, PPC (Tue 1.00-3.00 p.m.) Kitipat, PPC (Mon 1.00-3.00 p.m.)		
1	July 4-29, 2022	6303604 <b>Advanced Fluid Mechanics</b> Ziff, UM (Jul 4-15) (6.00-9.00 p.m.) Boonyarach, PPC (Co-in) Boonyarach, PPC (Jul 18–29) (9.00 a.m.-12.00 p.m.)	6301602 <b>Advanced Chemical Engineering Calculations</b> Jovanovic, OSU (Jul 4-15) (8.00-11.00 a.m.) Kitipat, PPC (Co-in) Kitipat, PPC (Jul 18–29) (9.00 a.m.-12.00 p.m.)	6302601 <b>Polymer Synthesis</b> Ratana, PPC (Jul 4-15) (9.00 a.m.-12.00 p.m.) Suwabun, PPC (Jul 18–29) (9.00 a.m.-12.00 p.m.)
2	August 1-26, 2022	6301603 <b>Advanced Chemical Engineering Thermodynamics</b> Thirasak, PPC (Aug 1-12) (9.00 a.m.-12.00 p.m.) Sikavitsas, OU (Aug 15–26) (8.00 a.m.-11.00 a.m.) Thirasak, PPC (Co-in)		6302603 <b>Polymer Physics</b> Anuvat, PPC (Aug 1-12) (9.00 a.m.-12.00 p.m.) Zhu, CWRU (Aug 15–26) (8.00-11.00 a.m.) Hathaikarn, PPC (Co-in)
3	August 29–September 23, 2022	6303620 <b>Petroleum Exploration and Production</b> Pakdi, People Care (Aug 29–Sep 9) (9.00 a.m.-12.00 p.m.) (onsite) Ruktai, SWU (Sep 12–Sep 23) (onsite) (9.00 a.m.-12.00 p.m.) Piya, PPC (Co-in)	6301601 <b>Transport Phenomena</b> Pramoch, PPC (Aug 29–Sep 9) (9.00 a.m.-12.00 p.m.) Kim (UT) (Sep 12–Sep 23) (8.00-11.00 a.m.) ..., PPC (Co-in)	6302602 <b>Physical Chemistry of Polymers</b> Rathanawan, PPC (Aug 29–Sep 23) (9.00 a.m.-12.00 p.m.)
4	(PLE/PO) September 26–October 21, 2022 (PC) October 3–28, 2022	6303629 <b>Process System Engineering</b> Kitipat, PPC (Sep 26–Oct 7) (9.00 a.m.-12.00 p.m.) Uthaiporn, PPC (Room 305) (Oct 10-14) (9.00 a.m.-12.00 p.m.) Kitipat, PPC (Oct 17–21) (9.00 a.m.-12.00 p.m.) (Room 305)	Break	6302613 <b>Composite Materials</b> Thanyalak, PPC (Sep 26–Oct 7) (9.00 a.m.-12.00 p.m.) Ishida, CWRU (Oct 10–21) (8.00 a.m.-11.00 a.m.) Thanyalak, PPC (Co-in)
			6301631 <b>Surfactant Science and Technology</b> Sumaeth, PPC (Oct 3-14) (9.00 a.m.-12.00 p.m.) Ampira, PPC (Oct 17–28) (9.00 a.m.-12.00 p.m.)	
	October 17-21, 2022	6302638 (Room 308) <b>Frontiers in Polymer Science and Engineering I</b> (2 <sup>nd</sup> year & Ph.D. students) Dr. Panitan (9.00 a.m.-12.00 p.m.), Sorapat, PPC (Co-in)		

## Second Semester

Course	Date	Petroleum & Energy Technology	Petrochemical Technology	Polymer Science
	November 2022–March 2022	6301656 <b>Digital Transformation Tools for Petroleum and Petrochemical Industries II</b> Sorapat, PPC, Kitipat, PPC, Stephan, PPC		
5	October 24–November 18, 2022	6303607 <b>Petroleum Refining Technology (Room 305)</b> Piya, PPC (Oct 25–Nov 4) (9.00 -12.00 p.m.) Verstraete, IFP (Nov 7–18) (9.00 a.m.-12.00 p.m.) Piya, PPC (Co-in)	6301642 <b>Heterogeneous Catalysis</b> ....., OU Sirirat, PPC (Co-in) Sirirat, PPC  TBA	6302604 <b>Polymer Processing (Room 306)</b> Pitt, PPC (Oct 24–Nov 4) (9.00 a.m.-12.00 p.m.) Maia, CWRU (Nov 7–18) (6.00-9.00 p.m.) Stephan, PPC (Co-in)
		Break		Break
6	November 28–December 23, 2022	6303639 <b>Alternative Energy: Technology, Applications and Global Trend</b> Schwank, UM (Nov 28– Dec 9) (8.00-11.00 a.m.) Apanee, PPC (Co-in) Apanee, PPC (Dec 12–23) (9.00 a.m.-12.00 p.m)	6301632 <b>Alternative Energy Sources</b> Schwank, UM (Nov 28– Dec 9) (8.00-11.00 a.m.) Apanee, PPC (Co-in) Apanee, PPC (Dec 12–23) (9.00 a.m.-12.00 p.m)	6302611 <b>Polymer Characterization</b> Stephan, PPC (Nov 28–Dec 9) (9.00 a.m.-12.00 p.m.) Sorapat, PPC (Dec 12– 23) (9.00 a.m.-12.00 p.m.)
	December ....., 2022	<b>6303616 Selected Topics in Petroleum Technology</b> (Ph.D., 2 <sup>nd</sup> year) Gunaltun, TPA (Dec 5– 9) Piya (Co-in) Guest (5 days) (Piya, Co-in)		
	December 24, 2022–January 1, 2023	Break (New Year holidays)		
7	January 2–27, 2023	6303624 <b>Enhanced Oil Recovery</b> Uthaiporn, PPC (Jan 2–6) Moreau, TPA (Jan 9-13) (2.00-5.00 p.m.) Shiau, OU (Jan 16–27) (9.00 a.m.-12.00 p.m.) Uthaiporn, PPC (Co-in)	<b>Chemical Reaction Engineering</b> Siriporn, PPC (Jan 3–13) (9.00 a.m.-12.00 p.m.) Schweitzer, IFP (Jan 16–27) (9.00 a.m.-12.00 p.m.) Siriporn, PPC (Co-in)	6302710 <b>Advances in Polymer Science</b> Manit, PPC (Jan 2–13) (9.00 a.m.-12.00 p.m.) Hathaikarn, PPC (Jan 16–27) (9.00 a.m.-12.00 p.m.)
	January 16–27, 2023	6301654 <b>Strategic Planning in Innovative Industrial R&amp;D</b> (for 2 <sup>nd</sup> year & Ph.D. students) (onsite) Santi, UOP LLC Thirasak, PPC (Co-in)		
	January 30-February 3,	Break		
8	February 6–March 3, 2023  February 27–March 31, 2023 (PO)	6303602 <b>Natural Gas Processing</b> Merville, TPA (Feb 6-10) (2.00-5.00 p.m.) Uthaiporn, PPC (Co-in) Uthaiporn, PPC (Feb 13–Mar 3) (9.00 a.m.-12.00 p.m.)	6301625 <b>Petrochemical Industry: Technology and Economic</b> Santi (Feb 6–17) (9.00 a.m.-12.00 p.m.) Nungruetai, (Feb 20-21) (9.00 a.m -12.00 p.m.) Pattarakorn, (Feb 22–24) (9.00 a.m -12.00 p.m.) Kongkiat (Feb 27–Mar 2) (9.00 a.m -12.00 p.m.) Thirasak, PPC (Co-in)	6302640 <b>Biorefinery to Green Polymers</b> Weder, UNIFR (Feb 27–March 10) (2.00-5.00 p.m.) Gert-Jan Gruter, UVA (Mar 20–31) (2.00-5.00 p.m.) Ratana (Co-in)
9	March (tentative)	<b>Project Management</b> (for 2 <sup>nd</sup> year & Ph.D. students) Piya, PPC Gouraud, TPA, Piya, PPC (Co-in) Wasin, Esso, Piya, PPC (Co-in) Pisan, True Corporation, Piya, PPC (Co-in)		

