

國立中正大學化學系 109 學年度第 2 學期

有機金屬化學

Organometallic Chemistry

Facebook Page: 中正大學化生研究所有機金屬課程專頁

<http://www.facebook.com/organometallic.ccu>

Class Code	2605328 01 (3 credits, specialized course)
Hours	Thursday 8:45 ~ 11:30
Classroom	Chemistry Building Rm 102
Teacher	Prof. Shuchun Joyce Yu
Office / Phone	Chemistry Building Rm 510 / (05)272-0411 ext. 66407
e-mail	chejyy@ccu.edu.tw
Teaching Assistant	吳盈勳 (Rm 507 / ext. 61405 / a0970002161@gmail.com)

COURSE SYLLABUS

Text Book	The Organometallic Chemistry of The Transition Metals", Robert H. Crabtree, 6th Ed, 2014. *Only the copyrighted, 6th edition text book is allowed.
Publisher	John Wiley & Sons Inc. New York
Course Requirement	◆ 1 Midterm (40 %) 2021/04/22 (Thu) 9:00~12:00 ◆ 1 Final (40 %) 2021/06/24 (Thu) 9:00~12:00 ◆ Quizzes, Homework and Short Oral Presentation (20 %) ◆ Attendance is required
Course Outline	(1) Introduction and General Properties of Organometallic Complexes (2) σ -Complexes (3) Carbonyl and Phosphine Complexes (4) π -Complexes (5) Characterization and Reactions of Organometallic Compounds (6) Homogeneous Catalysis and Applications to Organic Synthesis