

Integrated Course in Occlusion
Incoming Second Year AY 2024/25
Term IV (12.5.2025 – 6.6.2025) 4 weeks

LECTURE SCHEDULE

Date	Lecture Topic	Lecturer	Time	Venue
Week 1 12.5.25 (Mon)	<i>[PUBLIC HOLIDAY]</i>	-	-	-
Week 1 13.5.25 (Tues)	Course Introduction: Concepts of Occlusion Issue of occlusal instrumentation	KT	9.00-10.00am	L9 SimLab
Week 1 15.5.25 (Thurs)	Making Impressions / Study Casts	KT	2.00-3.00pm	L9 SimLab
Week 2 19.5.25 (Mon)	Articulation of Casts. Concept of Transverse Horizontal Axis (THA); Kinematic and Arbitrary Facebow Transfer	KT	2.00-3.00pm	L9 SimLab
Week 2 20.5.25 (Tues)	<i>[NO LECTURE]</i> Lab Exercises Preparation for Functional Waxing Exercise on 22.5.25	KT	9.00-10.00am	L9 SimLab
Week 3 26.5.25 (Mon)	Maxillomandibular Records: Active vs Passive CR Registrations; Technique modifications in dentate / partially dentate / fully edentulous situation.	KT	2.00-3.00pm	L9 SimLab
Week 3 27.5.25 (Tues)	Functional Anatomy and Biomechanics of the Stomatognathic System I - Dento-Alveolar Complex and Cranio-Mandibular Articulation	KT	9.00-10.00am	L9 SimLab
Week 4 2.6.25 (Mon)	Functional Anatomy and Biomechanics of the Stomatognathic System II - Neuroanatomy and NeuroPhysiology	KT	2.00-3.00pm	L9 SimLab
Week 4 3.6.25 (Tues)	Alignment and Occlusion of the Dentition	KT	9.00-10.00am	L9 SimLab

A/P Keson Tan
Course Director

Amended 11/3/25

cc. Director, Discipline of Prosthodontics, OD and Endodontics
 Dr Frank Lee Dr Wong Kuan Yee
 Dr Michael Lim Dr Elvin Leong
 Dr Teo Juin Wei Dr Tay Koong Jiunn
 Dr Christine Chan, Dr Loh Jin Wei, Dr Cayden Shen Yi

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CLINICAL-LABORATORY EXERCISE / DEMONSTRATION

When a Practical Demo is scheduled, a 30 min briefing precedes each practical session. Briefings will be in **L9 SIMLAB** as indicated. Clinics will be in **Level 8A** and **7A Clinics** on Monday afternoons and Tuesday mornings.

* Each student is to pair up with the next in the class list by serial number.

* Demo Groups by class list index number / Locations / Demo Instructor as follows:

Group A = 20	(Index 1 to 20)	L9 SimLab	L 8A Clinic	KT
Group B = 20	(Index 21 to 40)	L9 SimLab	L 8A Clinic	EL / ML
Group C = 20	(Index 41 to 60)	L9 SimLab	L 7A Clinic	TJW / WKY
Group D = 20	(Index 61 to 80)	L9 SimLab	L 7A Clinic	FL / CSY

Date	Topic / Demo/Exercise	Staff	Time	Venue
Week 1 12.5.25 (Mon)	<i>[PUBLIC HOLIDAY]</i>	-	3.00-5.00pm	L9 SimLab
Week 1 13.5.25 (Tues)	Issue of occlusal instrumentation (<i>Amman Girrback Artex CR Articulator & Artex Facebow</i> , TMJ Trimeasure, Impression Trays). <i>Lab Demo</i> : Pouring casts in rubber molds Preparation for Functional Waxing Exercise on 22.5.25	KT, ML, WKY, CSY RCM, GJM, CJH, JL	10.00am - 1.00pm	L9 SimLab L 7/8 Clinic
Week 1 15.5.25 (Thu)	<i>Clinic Demo</i> : Impression making technique <i>Lab Demo</i> : Pouring casts in Type IV stone <i>Lab Demo</i> : Cast Mounting Preparation for Functional Waxing Exercise on 22.5.25	KT, ML, EL, TKJ CC, LJW RCM, GJM, CJH, JL	3.00pm - 5.00pm	L9 SimLab L 7/8 Clinic
Week 2 19.5.25 (Mon)	<i>Clinic Demo</i> : Arbitrary Facebow Transfer - AG system <i>Lab Demo</i> : Mounting of Casts – Facebow to Artex Transfer Stands, Transfer Table, Mounting Articulator	KT FL, EL, TJW RCM, GJM, CJH, JL	3.00-5.00pm	L9 SimLab
Week 2 20.5.25 (Tues)	<i>Lab Demo</i> : Cast Mounting Preparation for Functional Waxing Exercise on 22.5.25 <i>Lab Demo (Continued)</i> : Trimming & Finishing of Study models – 1 set (articulated)	KT, ML, WKY, CSY RCM, GJM, CJH, JL	9.00am - 1.00pm	L9 SimLab L 7/8 Clinic
Week 2 22.5.25 (Thu)	PreDemo Lecture: Occlusal Morphology I: Factors affecting Occlusal Morphology Functional Waxing Exercise I (<i>after Lundeen</i>) – Occlusal wax-up on “cut-off” casts : upper left 5, 6 and lower left 5, 6	KT, ML, EL, TKJ CC, LJW RCM, GJM, CJH, JL	2.00pm - 5.00pm	L9 SimLab L 7/8 Clinic

Week 3 26.5.25 (Mon)	<i>Clinic Demo:</i> Centric Relation Records – Bimanual technique, Lucia Jig and Chin- point guidance <i>Lab Demo:</i> Mounting of Casts – CR Record	KT FL, EL, TJW RCM, GJM, CJH, JL	3.00-5.00pm	L9 SimLab L 7/8 Clinic
Week 3 27.5.25 (Tues)	Clinical & Lab Exercise (continued) <i>Lab Demo:</i> Mounting of Casts (continued)	KT, ML, WKY, CSY RCM, GJM, CJH, JL	10.00am - 1.00pm	L9 SimLab L 7/8 Clinic
Week 3 29.5.25 (Thu)	<u>PreDemo Lecture:</u> Occlusal Morphology II: Clinical Application Functional Waxing Exercise II (continued) <i>[KT at MDS Exams]</i>	KT, ML, EL, TKJ CC, LJW RCM, GJM, CJH, JL	2.00pm - 5.00pm	L9 SimLab
Week 4 2.6.25 (Mon)	Clinical & Lab Exercise (continued)	KT FL, EL, TJW RCM, GJM, CJH, JL	3.00- 5.00pm	L9 SimLab L 7/8 Clinic
Week 4 3.6.25 (Tues)	Functional Waxing Exercise III (continued)	KT, ML, WKY, CSY RCM, GJM, CJH, JL	10.00am - 1.00pm	L9 SimLab
Week 4 5.6.25 (Thu)	Functional Waxing Exercise IV (continued)	KT, ML, EL, TKJ CC, LJW RCM, GJM, CJH, JL	2.00pm - 5.00pm	L9 SimLab

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Technicians i/c: Mr Rastytoto Capili Manlunas, Ms Goh Jia Man, Mr Chin Jia Hao, Ms Janice Lim.
Level 7/8 Clinic Nurse i/c
Dental Store i/c
ITU Senior Manager – Mr Tok Wee Wah