

Science International degree @ Mahidol (SIM)

Course Name : SCSL194 Computer Skill for Science Research and Presentation
2(2-0-4)

Lecture : Mon (13:00 - 15:0)

Room : Salaya; SC3-200

Semester : Semester I/2026

Course Syllabus

Course Coordinator: Toemthip Poolpak, Ph.D.

Course Instructure: Prof. Prayad Pokethitiyook, Ph.D. (PP)

Course Description

Skills on computer technologies; learning project-oriented research opportunities; working on computer networks and applications to locate, evaluate, and use electronic database information; create written documents and oral presentations; know how to build and search databases and perform system management to become independent users of information, computer technology and library resources.

Evaluation

1. Mid-term examination	30%
2. Final examination	30%
3. Presentation and Reports	20%
4. Class assignments	10%
5. Attendants	10%

Note: Grading system is A, B⁺, B, C⁺, C, D⁺, D and F.

Tentative Schedule

Month	Date	Topic	Activity
Aug	3	Introduction to the class, creating edu account	PP
	10	History of computer, computer hardware and software	PP

	17	Efficient Internet search	PP
	24	Library Search, MU on-line Library Resources	PP
	31	Microsoft Excel Basic & Advance	PP
Sep	7	Microsoft Excel Function	PP
	14	Microsoft Excel Practice	PP
	21	Database Management: Microsoft Access I	PP
	28-6	Mid-term Exam	PP
Oct	19	Database Management: Microsoft Access II	PP
	26	Visit the Digital Learning Center @ MU Library and Resource Center	PP
Nov	2	Adobe Photoshop I	PP
	9	Adobe Photoshop II	PP
	16	Power Point	PP
	17	PowerPoint presentation	PP

Course Coordinator: Dr. Toemthip Poolpak (TP)

Lecturer: Prof. Dr. Prayad Pokethitiyook (PP)