

## Science International degree @ Mahidol (SIM)

Course Name : SCBE 153 Computer for Science Research and Presentation  
2(2-0-2)

Lecture : Mon (10:30 - 12:30)

Room : SC3-200 (Computer room)

Semester : Semester II 2022

### Course Syllabus

Course Coordinator: Toemthip Poolpak, Ph.D.

Course Instructure: Assoc 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<sup>+</sup>, B, C<sup>+</sup>, C, D<sup>+</sup>, D and F.

#### Tentative Schedule

Month	Date	Topic	Activity
January	6	Introduction to the class, creating edu account	PP
	16	History of computer, computer hardware and software	PP
	23	Efficient Internet search	PP
	30	Library Search, MU on-line Library Resources	PP
February	6	Microsoft Excel Basic	PP
	13	Microsoft Excel Advanced	PP

	20	Microsoft Excel Function	PP
	27	Mid-term Exam	PP
March	13	Review and Tutorial	PP
	20	Database Management: Microsoft Access I	PP
	27	Database Management: Microsoft Access II	PP
April	3	Database Management: Microsoft Access III	PP
	10	Visit the Digital Learning Center @ MU Library and Resource Center	PP
	24	Adobe Photoshop and PowerPoint presentation	PP
May	8	Final Exam	

**Course Coordinator: Dr. Toemthip Poolpak (TP)**

**Lecturer:** Assoc. Prof. Dr. Prayad Pokethitiyook (PP)