



Eastern Technological College Dual Language Syllabus (EDL)

Computer Department

	Term	<u>1</u>	Year	<u>2021</u>
Subject Code	<u>20204 – 2001</u>	Course Name	<u>Operating System</u>	CODE <u>3109</u>
Study Hours	<u>4</u>	Hours/week		Unit <u>3</u> Credit
Level	<u>Vocational</u>	Year	<u>2</u>	Department <u>Business Computer</u>

Course Objectives:

- 1.Understanding computer environments
- 2.Understanding principle of Proprietary Operating System and Open Standard Operating System
- 3.Able to install Proprietary Operating System and Open Standard Operating System

Course Competency:

- 1.Demonstrate knowledge of computer environments.
- 2.Demonstrate knowledge of operating system.
- 3.Installing and using Proprietary Operating System and Open Standard Operating System

Course Description:

This course is about learning and using computer environments, principle of Operating System, installing both Proprietary Operating-System and Open Standard Operating System, and using the Operating System and its utility programs

Week	Course Content
1	Computer components / Type of hardware and software / computer languages / era
2	How computer works / Peripheral device / Storage device
3	MS-DOS
4	Creating sub directory
5	Creating batch file
6	Android Operating system
7	iOS Operating system
8	MIDTERM EXAMINATION
9	Linux Operating system
10	Installing Windows 10 using VirtualBox
11	Windows 10 introduction / Customization / Menu / Shortcuts
12	Microsoft Account / Microsoft Edge / Microsoft Store
13	File management / Utility program
14	Task manager / Settings and Control Panel

Week	Course Content		
15	Device setting		
16	Connecting mobile hotspot using USB		
17	Setting up multiple monitor / Sharing screen from mobile		
18	FINAL EXAMINATION		
EVALUATION			
Grading System			Percentage of Total Score
No. 1	Basic principle of Operating System	Score	5 %
No. 2	Using DOS / Directory / Batch File	Score	5 %
No. 3	Android / iOS / Linux Operating System	Score	5 %
No. 4	Using Windows 10, MS Store, MS Edge	Score	5 %
No. 5	File management / Utility program / Task manager	Score	5 %
No. 6	Setting up windows and devices	Score	5 %
No. 7	Connecting to network / Screen sharing	Score	5 %
No. 8	Midterm Examination	Score	15 %
No. 9	Final Examination	Score	20 %
Academic Conduct and Discipline			Percentage of Total Score
	- Attendance Policy (<i>student is expected to come to every class on time 1 point per day</i>)	Score	10 %
	- Academic Integrity (<i>showing honesty and creativity in Exams, Homeworks and Quizzes</i>)	Score	5 %
	- Classroom Etiquette (<i>no using of mobile phones, showing respect to classmates and teacher</i>)	Score	5 %
	- Class Participation (<i>students are expected to participate class discussions and work group</i>)	Score	10 %
TOTAL SCORE			100 %
Absence Policy			
Absence of no more than <u>15</u> period (20 % of total study time)			
Name of Instructors			
Teacher Wootinan Klandawloi			
Teacher Nateetorn Sangsuwan			
Teacher Suleyman Yirtici			