

Course Description Form

1. Course Name:					
Windows Programming 2					
2. Course Code:					
CSSP4220					
3. Semester / Year:					
First Course					
4. Description Preparation Date:					
2025-2026					
5. Available Attendance Forms:					
Attending the practical in the laboratory and attending the theoretical in class					
6. Number of Credit Hours (Total) / Number of Units (Total)					
60 hours					
7. Course administrator's name (mention all, if more than one name)					
8. Course Objectives					
Course Objectives		- Understand the basics of Windows programming model. - Describe the methods of dealing with control messages as basic elements in Windows programming. - Create windows by using different basic elements and resources, and produce a Windows application according to requirements			
9. Teaching and Learning Strategies					
Strategy		- Theoretical and practical lectures - Examples, homework assignments, and programming exercises - Examinations and the use of data-projection devices to present lecture topics - Resources include textbooks and selected topics from the Internet. - Use of Devices for Lecture Presentation: Employing modern teaching aids such as projectors, computers, and multimedia tools to deliver lecture topics effectively			
10. Course Structure					
Week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation method
		Outcomes			

1	2 theoretical 2 work	2,3,5,6,7	Dialog box	lectures + laboratory application	questions oral and asked for a solution Examples
2	2 theoretical 2 work	2,3,5,6,7	Active and Deactivate Dialog box	lectures + laboratory application	questions oral and asked for a solution Examples
3	2 theoretical 2 work	2,3,5,6,7	Adding Push button and programming	lectures + laboratory application	questions oral and asked for a solution Examples
4	2 theoretical 2 work	2,3,5,6,7	Adding list box and programming	lectures + laboratory application	questions oral and asked for a solution Examples
5	2 theoretical 2 work	2,3,5,6,7	Adding Edit box and programming	lectures + laboratory application	questions oral and asked for a solution Examples
6	2 theoretical 2 work	2,3,5,6,7	Modeless dialog box	lectures + laboratory application	questions oral and asked for a solution Examples
7	2 theoretical 2 work	2,3,5,6,7	Standard and Control Scroll bar	lectures + laboratory application	questions oral and asked for a solution Examples
8	2 theoretical 2 work	2,3,5,6,7	Check box & auto_check & box 3-State Check Box controls	lectures + laboratory application	questions oral and asked for a solution Examples
9	2 theoretical 2 work	2,3,5,6,7	Radio Buttons	Discussions + solving questions	Attendance + answering and discussing questions
10	2 theoretical 2 work	2,3,5,6,7	Timer	lectures + laboratory application	Correct answers for questions
11	2 theoretical 2 work	2,3,5,6,7	Static control Stand alone control	lectures + laboratory application	Questions oral and asked for a solution Examples
12	2 theoretical 2 work	2,3,5,6,7	Bitmap	lectures + laboratory application	Questions oral and asked for a solution Examples
13	2 theoretical 2 work	2,3,5,6,7	Cursor design Icon design	lectures + laboratory application	Questions oral and asked for a solution Examples
14	2 theoretical 2 work	2,3,5,6,7	review	lectures + laboratory application	Questions oral and asked for a solution Examples

15	2 theoretical 2 work	-----	Exam	lectures + laboratory application	Grades on the answer
11.Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student, such as daily preparation, daily oral, monthly, or written exams, reports.....etc					
The final exam	evaluation		laboratory	grade	midterm exam
60	10		15	15	
12.Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Programming Windows, Fifth Edition, Charles Petzold,1998		
Main references (sources)			1- Windows 10 System Programming, Part 1, Pavel Yosifovich, 2000. 2- C++ Window Programming, Stefan Bjömander,2016 3- Windows 98 Programming from the ground up. Herbert Schildt; Osborne McGraw-Hill. 2000 4- Borland C++ Complete Reference. Herbert Schildt; Osborne McGraw-Hill. 2001 5- Windows NT4 Programming from the ground up. Herbert Schildt; Osborne McGraw-Hill. 2004 6- Programming Windows, L. Csurgai 2014.		
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					