

# **Final Project Course Definition File**



Syrian Arab Republic		الجمهورية العربية السورية
Ministry of Higher Education	SVU	وزارة التعليم العاليي
Syrian Virtual University	الجامعـة الإفتراضيـة السوريــة Syrian Virtual University	الجامعة الافتراضية السورية

#### 1. Basic Information:

Course Name	Final Project
Course ID	IPR405
Contact Hours (Registered Sessions)	18
Contact Hours (Synchronized Sessions)	18
Mid Term Exam	NO
Exam	2
Registered Sessions Work Load	36
Synchronized Session Work Load	18
Credit Hours	4

### 2. Pre-Requisites:

Course	ID
Software Engineering	ISE301

#### 3. Course General Objectives:

Students in this course have to build a real software product applying their acquired skills in the program. Students learn in this course how to write a technical report and how to inert citations, as well as how to make a professional presentation for the project committee.

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## 4. Intended Learning Outcomes (ILO):

Learning Outcomes codes	Learning Outcomes
LO1	Understand final project basics.
LO2	Learn how to write project requirements.
LO3	Learn how to write project proposal.
LO4	Learn how to write literature study.
LO5	Review software analysis tools.
L06	Review software design tools.
LO7	Learn important implementation skills.
LO8	Learn writing technical reports skills.
LO9	Learn how to write citations and references.
LO10	Learn presentations skills.
LO11	Learn advanced topics in Word.

## **5. Course Content**

LO	Course Syllabus	Recorded Sessions	Synchronize d Sessions	Туре	Additional Notes
				□ Exercises	
		2	2	■ Assignments	
1.01	Understand final			□ Seminars	Vigual Studio 2012
LOI	LO1 project basics.			□ Projects	Visual Studio 2013
				□ Practices	
				□ Others	

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LO2	Learn how to write project requirements.	2	2	<ul><li>□ Exercises</li><li>☑ Assignments</li><li>□ Seminars</li><li>□ Projects</li><li>☑ Practices</li><li>□ Others</li></ul>	Visual Studio 2013
LO3	Learn how to write project proposal.	2	2	<ul><li>□ Exercises</li><li>☑ Assignments</li><li>□ Seminars</li><li>□ Projects</li><li>☑ Practices</li><li>□ Others</li></ul>	Visual Studio 2013
LO4	Learn how to write literature study.	2	2	<ul><li>□ Exercises</li><li>☑ Assignments</li><li>□ Seminars</li><li>□ Projects</li><li>☑ Practices</li><li>□ Others</li></ul>	Visual Studio 2013
LO5	Review software analysis tools.	2	2	Exercises  Assignments  Seminars  Projects  Practices  Others	Visual Studio 2013
L06	Review software design tools.	2	2	<ul><li>Exercises</li><li>Assignments</li><li>Seminars</li></ul>	Visual Studio 2013

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					Projects	
				×	Practices	
					Others	
				×	Exercises	
				×	Assignments	
1.07	Learn important			Seminars	Visual Studio 2013	
LO7	implementation skills.	2	2		Projects	Visual Studio 2013
				×	Practices	
					Others	
				×	Exercises	
		1		×	Assignments	
LO8	Learn writing technical		1		Seminars	Visual Studio 2013
LUS	reports skills.		1		Projects	Visual Studio 2013
				×	Practices	
					Others	
				×	Exercises	
	Learn how to write			×	Assignments	
1.00	citations and	1	1		Seminars	Vigual Studio 2012
LO9	references.	1	1		Projects	Visual Studio 2013
	references.			×	Practices	
					Others	
				×	Exercises	
				×	Assignments	
LO10	Learn presentations	1	1		Seminars	Visual Studio 2013
	skills.	1	1		Projects	
				×	Practices	
					Others	



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				<b>⊠</b> Exercises	
				■ Assignments	
1011	Learn advanced topics	1	1	□ Seminars	Visual Studio 2013
LO11	in Word.	1	1	□ Projects	Visual Studio 2013
				▶ Practices	
				□ Others	

## 6. Assessment Criteria (Related to ILOs)

			Assessment Type					
LO Code	LO	Interactive Synchronized Collaboration	Practice	Exams	Presentations And Face-to- Face Assessments	Reports		
LO1	Understand final project basics.	X						
LO2	Learn how to write project requirements.	X				Х		
LO3	Learn how to write project proposal.	X				Х		
LO4	Learn how to write literature study.	X	Х			Х		
LO5	Review	X	Х			Х		

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software					
analysis tools.					
Review					
software	X	X			
design tools.					
Learn					
important	~	V		~	
implementation	^	^		^	
skills.					
Learn writing					
technical	X	X			X
reports skills.					
Learn how to					
write citations	V	V			V
and	<b>X</b>	X			X
references.					
Learn					
presentations	X	X		X	
skills.					
Learn					
advanced	~	V			
topics in	^	^			X
Word.					
	analysis tools.  Review software design tools.  Learn important implementation skills.  Learn writing technical reports skills.  Learn how to write citations and references.  Learn presentations skills.  Learn presentations in	analysis tools.  Review software X X X X design tools.  Learn important implementation skills.  Learn writing technical X X X reports skills.  Learn how to write citations and references.  Learn presentations X X X X X X X X X X X X X X X X X X X			

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## 7. Course Syllabus (18 hours of total synchronized sessions)

Chapter	Contents			
(1) Final project basics	Final project	<ul><li>Final project objectives</li><li>Final project phases</li><li>The supervisor</li></ul>		
	Choosing the project	<ul> <li>Choosing the project steps</li> <li>Finding a problem</li> <li>Team work</li> <li>Find the title</li> </ul>		
	Choosing the team work  • How to choose the team work			
(2) Requirements	Requirements identification	<ul> <li>Project life cycle</li> <li>Requirements identification steps</li> <li>Functional Requirements</li> <li>Nonfunctional Requirements</li> <li>Requirements test</li> </ul>		
	Example	Example		
(3) Project Proposal	Writing the project proposal	<ul> <li>Cover page</li> <li>The title</li> <li>Table of Contents</li> <li>Project Aim</li> <li>Key words</li> <li>Objectives</li> <li>Time table</li> </ul>		

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#### الجامعة الافتراضية السورية

		Toolo				
		• Tools				
	Initial References					
	Example	Example				
(4)	Litanatura Chudu	• Literature Study				
Literature Study	Literature Study	elements				
(5)	Anglygia	• Actors				
Analysis	Analysis	Use Cases				
	Example	Example				
(6)	Concentual Diagram	Conceptual Diagram				
Design	Conceptual Diagram	Sequence Diagram				
	Classes Diagram	Classes Diagram				
	Database Diagrams	• ERD				
(7) Implementation	Web Pages	Web Pages Design hints				
	Windows Forms	Windows Forms Design				
	Windows Forms	hints				
(8) The Report	The Report	Report parts				
	How to write a technical	Technical report				
	report					
(9) References	Plagiarism	Plagiarism				
	Citations	How to write citations				
	Citations	and references				
(10) Presentation	Presentation content	Presentation content				
	Presentation skills	Presentation skills				
	Body language	Body language				
(11) Wassi Olillia	Table of Cantanta	• Create Table of				
(11) Word Skills	Table of Contents	Contents				
	Table of Figures	Create Table of Figures				

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Iar		le of References		References			

## 8. Practice Tools:

Tool Name	Description		
Visual Studio 2013			