



جامعة الأميرة نورة بنت عبد الرحمن  
Princess Nora Bint Abdul Rahman University



# CS313D: ADVANCED PROGRAMMING LANGUAGE

Computer Science  
department

Lecture 1: Course Info



# Lecture Contents

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- Course Info.
  - ▣ Books and references
  - ▣ Course plan
  - ▣ Assessment methods and grading
  - ▣ Labs and practical assignments
  - ▣ Term project





# Instructor

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Dr. Amal Khalifa

Office Hours

Sundays, Tuesdays 9:00-10:00 & 11:00 – 12:00

Office Number

2.501.40

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[askhalifa@pnu.edu.sa](mailto:askhalifa@pnu.edu.sa)





# Course material

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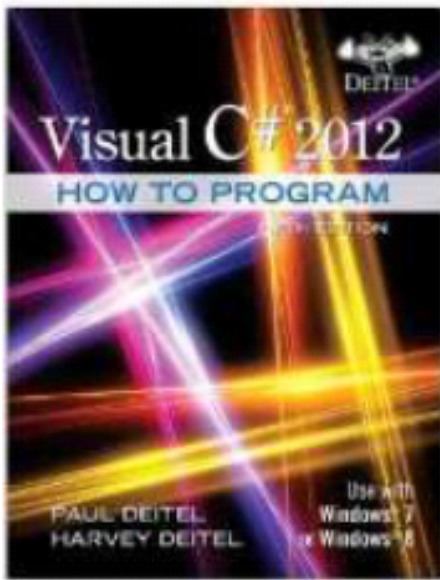
- Course material:
  - ▣ Blackboard system
  - ▣ Activate your account!!!
  - ▣ emails, announcements, lecture notes, lab material





# Books and references

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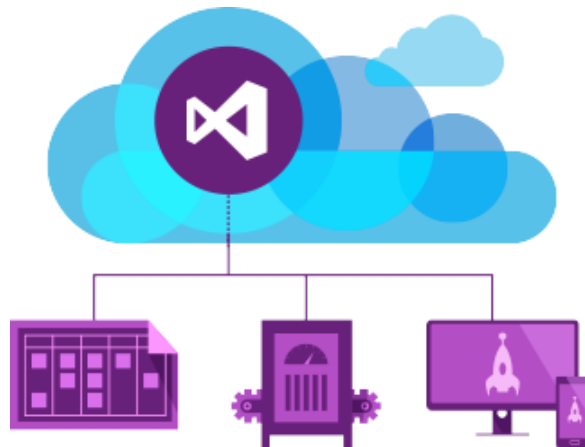
Visual C# 2012 How to Program (5th Edition) by Paul Deitel (Author), Harvey Deitel (Author), 2013



# Visual Studio®

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- The Visual Studio 2012 IDE enables you to write, run, test and debug C# programs quickly and conveniently.



<http://www.visualstudio.com/>





# Course plan

## 4. Course description:

Week	Date	Topic	Activity	Intended learning outcomes	Assessment methods
1		Course Information			
2		<b>Introduction:</b> a) Computer and Programming languages b) Developing Console Application in The .NET Framework c) The <u>helloWorld</u> program	<ul style="list-style-type: none"> <li>• Practical Lab</li> </ul>	2.1	Exams, assignments, case studies, and Project
3		<b>Language Basics:</b> a) C# Basics (I): <ul style="list-style-type: none"> <li>✓ Access Modifiers.</li> <li>✓ Variables and Data Types.</li> <li>✓ <u>Enum</u> and Constants</li> <li>✓ Input/output</li> <li>✓ Expressions.</li> <li>✓ Boxing and Unboxing</li> <li>✓ Implicit and Explicit Casting.</li> </ul> b) C# Basics(II): <ul style="list-style-type: none"> <li>✓ Control statements</li> <li>✓ Methods</li> </ul> c) C# Basics (III): <ul style="list-style-type: none"> <li>✓ Access</li> </ul>	<ul style="list-style-type: none"> <li>• Practical Lab</li> <li>• assignment</li> </ul>	1.1, 2.1	





# Assessment methods and grading

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Assessment method	Assessment Week	Grade	Percentage from overall grade	Comments
Mid Term 1	7	15	15%	
Mid Term 2	12	15	15%	
Lab Assignments	weekly	15	15%	
Term Project	15	15	15%	Group of 5
Final Exam	After 15	40	40%	



# Labs, assignments, Project

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- Lab handouts
- Weekly assignments
- Term project
  - ▣ group work
  - ▣ Specific ideas
  - ▣ Evaluation criteria
  - ▣ Individual vs. group evaluation



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That's all for Today!!

