



# Welcome to 31927 32998: Application Development with .NET

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# Teaching Team

- **Subject Co-ordinator & Lecturer:**

Dr. Avinash Singh

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- **Tutorial Staff:**

- Mr. Benedict Carey
- Mr. Baxter Dulieu
- Mr. David Dyer
- Ms. Erin Heathcote



# Objectives

- Understand the .NET framework architecture.
- Understand how the .NET framework implements OO concepts.
- Understand the mechanisms and techniques for the deployment and configuration of .NET applications.
- Be able to utilize the .NET libraries.
- Have practical experience of how to write C# programs in the .NET environment.



# Assessment Items

- **Assessment Task 1: Programming Assignment**
  - **Task:** Develop a Visual Studio console application in C#
  - **Weight:** 35%
  - **Due Date:** Week 8, Monday 19 September 2022, by 11:00am.
- **Assessment Task 2: Programming Assignment**
  - **Task:** Develop a Visual Studio Windows form application in C#.
  - **Weight:** 35%
  - **Due Date:** Week 12, Monday 24 October 2022, by 11:00am.
- **Assessment Task 3: Online Quiz**
  - There will be five individual, closed book, multiple choice quizzes.
  - **Weight:** 30%



# Assessment Task -3 Schedule

**Location:** Lab/Tutorial room

**Notes:** Individual Assessment, multiple choice questions, closed book, no books/electronic devices/study materials are permitted.

- **Week 2:** Quiz 1 (5 Points)
- **Week 4:** Quiz 2 (5 Points)
- **Week 6:** Quiz 3 (5 Points)
- **Week 8:** Quiz 4 (5 Points)
- **Week 11:** Quiz 5 (10 Points)



# Tutorials/Labs strategy

1. Each week labs will have 2/3 tasks with instructions, and skeleton code to start with.
2. Tutors explain the tasks and may provide some hints.
3. The lab session may be divided into small groups of 3-4 students and will work together to solve at least one task.
4. Students should feel free to ask the questions to tutor/teacher in case of doubts or if more clarifications are required for the task.
5. Tutor may discuss the solution before concluding the lab session.
6. Solutions will be made available on Friday evening every week.



# Checklist for Week-1

- ☐ Checked Subject outline
- ☐ Installed Visual Studio
- ☐ Aware of my lab schedule
- ☐ Clear about the assignment deadlines
- ☐ Clear about the assignment requirements
- ☐ I know how to use Canvas and can find the subject materials, assignments, FAQs, discussion board, etc.
- ☐ Prepare questions for having a clear understanding of the subject requirements and expectation.



Questions?