

# Research Methodology in Computer Science

## Syllabus

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# Introduction

- we will focus on
  - ▶ technical writing
  - ▶ technical presentations
- LaTeX software will be introduced
- Students shall also share their own researches in this course

# Instructor: Sheng-Wei Wang

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# Course Outline

- Introductions
- Technical Writing
- Organization of a thesis/academic paper
- How to write the **Introduction** Section
- How to write the **Review** Section
- How to write the **Problem Formulation** Section
- How to write the **Algorithms/Methods** Section
- How to write the **Results** Section
- How to write the **Conclusions** Section
- How to write the **Abstract** Section
- How to prepare the Presentation Slides

# Time & Location

- Lectures: Thursday 14:00~15:00 @ E829 or MS Teams
- Office Hours: Thursday 10:00~12:00 @E663 or By appointment

# Course Online Resources

- TKU iClass (Registered Students Only)
- MS Teams ( Open )
- Course Wiki ( Open )

# Grading

- Participation 20%
- Research Presentations 40%
  - ▶ Week 5 to Week 7
  - ▶ Week 15 to Week 17
- Research Notes 40%

# Q & A

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