

00 Before Introduction

This class is Databases and Interfaces (COMP1048 UNNC)

Teachers Info:

- Dr Matthew Pike
 - **Office:** PMB-435
 - Office Hours
 - : Mondays (12:00-13:00, 17:00-18:00)
 - [MS Teams Office Hours](#)
 - **Email:** matthew.pike@nottingham.edu.cn
- Dr. Yuan Yao
 - **Office:** PMB-438
 - Office Hours
 - : Mondays (17:00-18:00), Tuesdays (15:00-16:00)
 - [MS Teams Office Hours](#)
 - **Email:** Yuan.Yao@nottingham.edu.cn

Textbooks

- Database Systems: A Practical Approach to Design, Implementation, and Management, Global Edition (Sixth Edition)
 - Thomas Connolly, Carolyn Begg
 - [Publisher Webpage](#)
- The Manga Guide to Databases
 - Mana Takahashi, Shoko Azuma, Ltd. Trend-Pro Co.
 - [Publisher Webpage](#)

Module Announcements

- [Module Announcements](#)

Module Plan

Timetable Week	Week Commencing	Lecture	Lab	Note
1	12 Sept 2022	---	---	Induction Week – No Teaching.
2	19 Sept 2022	Module Overview Introduction to Databases	System Setup and Basic Networking Commands	---
3	26 Sept 2022	Relational Algebra	Relational Algebra Exercises	---
4	03 Oct 2022	---	---	National Holiday – No Teaching.
5	10 Oct 2022	Entity Relationship Modelling	Entity Relationship Modelling Exercises	---
6	17 Oct 2022	SQL: Creating Databases	SQL: Exercises (1)	---
7	24 Oct 2022	SQL: Inserting and Selecting Data	SQL: Exercises (2)	--
8	31 Oct 2022	SQL: Groupby and Joins	SQL: Exercises (3)	---
9	07 Nov 2022	Database Normalization Databases Review	In-Lab Quiz (Moodle)	Mid-Semester Quiz
10	14 Nov 2022	HTML & CSS	Build your own Personal Website	---
11	21 Nov 2022	Python & Flask	Build a full stack web-based system	Coursework 2 is released.
12	28 Nov 2022	Client Side Scripting Module Content Review	Coursework 2 Support	---
13	05 Dec 2022	Contingency	Coursework 2 Support	---
14	12 Dec 2022	Contingency	Coursework 2 Support	---

Exams

- Below are a selection of past examination papers. Please note, solutions will **not** be provided.

-  [DBI Mock Exam - 2021File](#)

-  [DBI Past PaperFile](#)

- DBI recently changed from being a 20-credit module to a 10-credit module.

As a result of this change, we have a limit selection of representative exam papers for this “new” 10-credit module. Whilst there is a significant overlap in style and content between the two versions of the module, there may be questions in past papers that are not representative. If you encounter a question interrogating content we have not covered, this year, please ignore it.

The exam will only include questions for topics we've covered in labs and lectures. For additional questions/examples, please consult the module textbook, which contains many questions at the end of each chapter.