

# CPSC 221: BASIC ALGORITHMS AND DATA STRUCTURES

Last Updated: September 19, 2008

## Course Description

This course is an introduction to the design and analysis of basic data structures. It integrates topics in discrete mathematics and data structures, thereby providing a theoretical and practical foundation for many of our 3rd and 4th year computer science courses. The topics in this course are listed on the last page of this document.

**Prerequisites** CPSC 211, and one of CPSC 121 or MATH 220.

MATH 101 (or equivalent) is a corequisite, meaning that you either need to have credit for MATH 101 (or equivalent) or you have to take it concurrently. The department will enforce these prerequisites and corequisites. Equivalent credit for older versions of these courses (or appropriate transfer credits) will likely be acceptable.

**Instructor** William Evans ([will@cs.ubc.ca](mailto:will@cs.ubc.ca)), office: ICCS X841<sup>1</sup>

Please limit e-mail to questions of a personal/confidential nature (e.g., sickness). The lectures, tutorials/labs, and bulletin board (also known as "Discussions" or "Discussion Group" on WebCT) are the right places to ask general questions. The bulletin board is read by all students in our lecture section, plus the TA's, and the instructor; so, a lot of us can respond to your questions. Students are encouraged to ask questions, and to respond to other students' questions, as long as the questions don't ask for answers to homework (theory or programming assignments).

**TAs** Landon Boyd ([blandon@cs.ubc.ca](mailto:blandon@cs.ubc.ca)) and Ashique KhudaBukhsh ([ashique@cs.ubc.ca](mailto:ashique@cs.ubc.ca))

Plus there will be several markers assigned to this course.

## Office Hours

**Will** Monday 13:00-14:00 & Thursday 09:00-10:00 in ICCS X841

**Landon** Wednesday 15:30-16:30 & Friday 10:00-11:00 in ICCS X150

**Ashique** Tuesday 14:30-15:30 in ICCS X150

## Lab/Tutorial Times (and a few comments about the programming in this course)

Labs/tutorials start during the second week of the course (Sep. 9th and after). You must be registered in one of the following lab/tutorial sections. Please pay attention to the handin dates for the programming labs – these are based on your registered lab section.

Lab	Date & Time	Location	TA	TA Helper	size
L1A	Tue 11:00-13:00	ICCS X350	Ashique	TBA	26
L1C	Thu 15:30-17:30	ICCS X251	Landon	TBA	22
L1D	Thu 10:30-12:30	ICCS X251	Ashique	TBA	19

<sup>1</sup>Note that "ICCS" stands for the regular CS dept.'s building, sometimes called "CICSH" or "ICCS" or "ICCS/CS".

# Cpsc 221 Basic Algorithms And Data Structures

**S Ben Porath**



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## **Table of Contents Cpsc 221 Basic Algorithms And Data Structures**

1. Understanding the eBook Cpsc 221 Basic Algorithms And Data Structures
  - The Rise of Digital Reading Cpsc 221 Basic Algorithms And Data Structures
  - Advantages of eBooks Over Traditional Books
2. Identifying Cpsc 221 Basic Algorithms And Data Structures
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Cpsc 221 Basic Algorithms And Data Structures
  - User-Friendly Interface
4. Exploring eBook Recommendations from Cpsc 221 Basic Algorithms And Data Structures
  - Personalized Recommendations
  - Cpsc 221 Basic Algorithms And Data Structures User Reviews and Ratings
  - Cpsc 221 Basic Algorithms And Data Structures and Bestseller Lists
5. Accessing Cpsc 221 Basic Algorithms And Data Structures Free and Paid eBooks
  - Cpsc 221 Basic Algorithms And Data Structures Public Domain eBooks
  - Cpsc 221 Basic Algorithms And Data Structures eBook Subscription Services

- Cpsc 221 Basic Algorithms And Data Structures Budget-Friendly Options
- 6. Navigating Cpsc 221 Basic Algorithms And Data Structures eBook Formats
  - ePub, PDF, MOBI, and More
  - Cpsc 221 Basic Algorithms And Data Structures Compatibility with Devices
  - Cpsc 221 Basic Algorithms And Data Structures Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Cpsc 221 Basic Algorithms And Data Structures
  - Highlighting and Note-Taking Cpsc 221 Basic Algorithms And Data Structures
  - Interactive Elements Cpsc 221 Basic Algorithms And Data Structures
- 8. Staying Engaged with Cpsc 221 Basic Algorithms And Data Structures
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Cpsc 221 Basic Algorithms And Data Structures
- 9. Balancing eBooks and Physical Books Cpsc 221 Basic Algorithms And Data Structures
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Cpsc 221 Basic Algorithms And Data Structures
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Cpsc 221 Basic Algorithms And Data Structures
  - Setting Reading Goals Cpsc 221 Basic Algorithms And Data Structures
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Cpsc 221 Basic Algorithms And Data Structures
  - Fact-Checking eBook Content of Cpsc 221 Basic Algorithms And Data Structures
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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