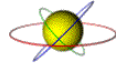


Data Structures and Algorithm



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Important E-mail



Course PPT:

Homework.student@163.com

Password: **course2020**

Assignment :

homework_sysu@163.com

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Course Purposes:



The aims : technologies of abstract, design and implementation in solving problem.

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Course Purposes:



Abstract: To analysis the requirement of problem and data's logical structure;

Design: To design the data's physical structure and algorithms, to analysis the algorithm's time complexity;

Implementation: To practice the algorithm in computer language C++.

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Lecture Sessions

- ◆ English teaching materials and slides.
- ◆ Weekly assignments in thinking /writing.



Laboratory Sessions

- ◆ Weekly assignments in Laboratory
- ◆ Self-training in Online system

Course Assessment



Lecture Sessions		
Grading	Weekly Written Assignments	20%
	Midterm Examination(two times)	20%
	Final Examination	60%
	Total	100%
Laboratory Sessions		
Grading	Attendance	10%
	Online Assignments	30%
	Midterm Examination(three times)	30%
	Final Examination	30%
	Total	100%

Textbook and References



Mark Allen Weiss, Data structures and algorithm analysis in C++

Yan Weimin, Data structure, Publication of Tsing Hua University

Ellis Horowitz, Fundamentals of Data Structures in C++, Tsing Hua University



Assignment Format



1. Student Number+Name
2. E-mail's subject: Student Number+数据结构作业（1）//数字代表周次
3. Algorithm analysis and notes
4. Main functions, ADT used in algorithm and parameters