

课程详述

COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	课程名称 Course Title	数学英语写作 Mathematical Writing in English				
2.	授课院系 Originating Department	数学系 Department of Mathematics				
3.	课程编号 Course Code	MA320				
4.	课程学分 Credit Value	3				
5.	课程类别 Course Type	专业选修课 Major Elective Courses				
6.	授课学期 Semester	秋季 Fall				
7.	授课语言 Teaching Language	中英双语 English & Chinese				
8.	授课教师、所属学系、联系方式（如属团队授课，请列明其他授课教师） Instructor(s), Affiliation & Contact (For team teaching, please list all instructors)	曹敏 Min TSAO caom@sustech.edu.cn 王晓明 Xiaoming Wang wangxm@sustech.edu.cn				
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact					
10.	选课人数限额(可不填) Maximum Enrolment (Optional)	20				
11.	授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
	学时数 Credit Hours	48				48

12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无 NA
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 NA
14. 其它要求修读本课程的学系 Cross-listing Dept.	无 NA

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

本课程旨在提高研究生和科研人员的科技英语尤其是数学英语的写作讲解和使用能力。主要内容包含英文数学文章的结构及常用句型和词语，英文数学文章的投稿和修改。本课程也将讨论怎样给英文讲座，并对常用英文数学写作软件 LaTeX 做一个基本介绍。

This course is designed for mathematics graduate students and researchers who need advanced training in English writing and communication skills. Topics include structures of English mathematical research papers, commonly used sentence structures and phrases, and tips on how to submit and revise papers in English. The course also covers how to give presentations in English and introduces LaTeX, an open-source software for high-quality typesetting widely used for mathematical papers.

16. 预达学习成果 Learning Outcomes

学生们在完成此课之后将具备基本的数学英语写作能力和用英语做数学科研讲座的能力，为成为能够使用中英双语进行科研和学术交流的数学工作者打下良好的基础。

Students are expected to have learned basic skills in writing math papers in English and delivering math research talks in English. They will have built up a solid foundation for conducting research and academic exchanges in English.

17. 课程内容及教学日历（如授课语言以英文为主，则课程内容介绍可以用英文；如团队教学或模块教学，教学日历须注明主讲人）

Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

1. 数学文章的结构 (6 学时)
2. 数学文章的词句 (9 学时)
3. 怎样修改文章 (6 学时)
4. 英文数学写作软件 LaTeX (3 学时)
5. 文章投稿 (3 学时)
6. 数学综合写作(6 学时)
7. 其它文体的书写(6 学时)
8. 怎样给数学讲座 (9 学时)
- 1.The structure of a math paper (6 hours)
- 2.Vocabularies and phrases for a math paper (9hours)
- 3.How to revise a math paper (6 hours)
- 4.LaTeX for writing a math paper (3 hours)
- 5.How to submit a math paper (3 hours)
- 6.General math writings (6 hours)
- 7.Other types of English documents (6 hours)
- How to give a math presentation (9 hours)

18. 教材及其它参考资料 Textbook and Supplementary Readings

汤涛和丁玖：数学之英文写作，高等教育出版社，2014， ISBN: 9787040368932

课程评估 ASSESSMENT

19. 评估形式 评估时间 占考试总成绩百分比 违纪处罚 备注

Type of Assessment	Time	% of final score	Penalty	Notes
出勤 Attendance				
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments		30		
期中考试 Mid-Term Test		30		
期末考试 Final Exam		40		
期末报告 Final Presentation				
其它 (可根据需要改写以上评估方式) Others (The above may be modified as necessary)				

20. 记分方式 GRADING SYSTEM

- A. 十三级等级制 Letter Grading
 B. 二级记分制 (通过/不通过) Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过
 This Course has been approved by the following person or committee of authority