

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	金融工程理论实践课 Practice of Financial Theory				
2.	授课院系 Originating Department	金融系 Department of Finance				
3.	课程编号 Course Code	FET470				
4.	课程学分 Credit Value	2				
5.	课程类别 Course Type	专业基础课 Major Foundational Courses				
6.	授课学期 Semester	春季 Spring / 夏季 Summer / 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)	各专业导师 all faculty				
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	黄冲, Huang Chong, huangc@sustech.edu.cn				
10.	选课人数限额(可不填) Maximum Enrolment (Optional)					
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			64		64

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

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

科技创新项目是一门必修课程，是为职业做准备的一门专业基础课程。课程以创新能力的培养为主线，教学生学会从新的视角思考问题、用创新的思维方法观察问题，用创新技法解决问题。结合所学专业，产生发明、创造、创新成果。提升其专业能力，为专业服务。对学生树立创新意识，提高分析、解决现场问题的能力及利用创新技法实施发明创造具有指导性作用，为国家社会经济发展一线培养高素质技能型人才。

Projects of Science and Technology Innovation is a compulsory course and a professional foundation course for the preparation of the profession. The course focuses on the cultivation of innovative abilities, teaching students to think about problems from a new perspective, observe problems with innovative thinking methods, and solve problems with innovative techniques. Combine with the majors studied, and produce inventions, creations, and innovations. Improve their professional ability and serve professional. It has a guiding role in building students' awareness of innovation, improving their ability to analyze and solve problems on the spot, and using innovative techniques to implement inventions and creations, and cultivating high-quality skilled talents for the country's social and economic development.

16. 预达学习成果 Learning Outcomes

1. 掌握创新的几种思维方式及创新技法的内容，学会运用创新思维及技法解决现实问题。
 2. 提高学生的创新思维能力及创新技法的应用能力。通过实践活动提高学生的创新能力、动手能力、多向思维能力、分析解决问题的能力、团队合作力。
 3. 通过项目活动训练，培养学生的创新理念、积极主动的创新意识，使其具备创新能力。提升学生的专业素质。
1. Master the innovative ways of thinking and the content of innovative techniques, and learn to use innovative thinking and techniques to solve real problems.
 2. Improve students' innovative thinking ability and application ability of innovative techniques. Improve students' ability to innovate, hands-on, multi-directional thinking, analytical problem-solving, and teamwork through practical activities.
 3. Through the training of project activities, students' innovative ideas and proactive innovation consciousness will be cultivated to make them innovative. Improve the professional quality of students.

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.)

金融系创新学分认定标准

满足以下任一条件，均可获得创新学分 2 分，即：

在同行评估的学术杂志发表学术论文，可获 2 个学分；

获得省部级及以上竞赛奖的，可获 2 个学分；

参加大学生创新创业训练计划项目的，可获 2 个学分；

参加汇丰商业案例大赛或“中金所”杯全国大学生金融及衍生品知识竞赛等行业大赛的，可获 2 个学分；

参加金融博览会、中国国际高新技术成果交易会等行业博览会展出成果的，可获 2 个学分；

参加金融高峰论坛等行业峰会的，可获 2 个学分；

参加校级以上科研项目且获学术导师认可的，可获 2 个学分；

参加企业调研并形成调研报告且获业界导师认可的，可获 2 个学分；

参加企业实习提供相关证明的，可获 2 个学分，但不得与专业实习同时获得学分；

仅针对 13、14 级学生，《创新创业大讲堂》及尔雅课程《大学生创新创业》、《大学生创业基础》成绩及格的，可获 2 个学分。

Finance Department Innovation Credit Certification Standard

You can earn 2 points for innovative credits if you meet any of the following conditions, namely:

- (1) 2 credits for academic papers published in peer-reviewed academic journals;
- (2) 2 credits for winning provincial and ministerial competitions;
- (3) 2 credits for participating in the Innovation and Entrepreneurship Training Program for Undergraduates;
- (4) 2 credits for participating in the HSBC Business Case Competition or the "China Gold Institute" Cup National University Student Financial and Derivatives Knowledge Competition;
- (5) 2 credits for participating in the trade fairs such as the Financial Expo and China International High-tech Achievements Fair;
- (6) 2 credits for participation in industry summits such as the Financial Summit Forum;
- (7) 2 credits for participation in academic research projects above the school level and approved by academic tutors;
- (8) 2 credits for participating in corporate research and forming research reports and being recognized by industry instructors;
- (9) If you participate in a company internship to provide relevant certificates, you can earn 2 credits, but you must not earn credits at the same time as a professional internship;
- (10) Only for the 13th and 14th grade students, the "Innovation and Entrepreneurship Lecture Hall" and the Erya Course "College Students' Innovation and Entrepreneurship" and "College Students' Entrepreneurship Foundation" will pass 2 credits.

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

无 N/A

课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance				
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects		100		
平时作业 Assignments				
期中考试 Mid-Term Test				
期末考试 Final Exam				
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