

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	毕业论文（设计）
2.	授课院系 Originating Department	系统设计与智能制造学院 School of System Design and Intelligent Manufacturing
3.	课程编号 Course Code	SDM405
4.	课程学分 Credit Value	8
5.	课程类别 Course Type	专业核心课 Major Core Courses
6.	授课学期 Semester	春季 Spring
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 Instructor(s), Affiliation & Contact (For team teaching, please list all instructors)	系统设计与智能制造学院教师 Professors of SDIM
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	无 NA
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	0	0	256	0	256
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

本专业的毕业论文是对学生所学的自动化课程综合训练的实践性环节，也是将自动化专业课程中的理论知识与实践相结合，培养学生综合能力的重要课程。毕业论文的教学过程是本学科最后一个重要的教学环节，是整个教学过程的总结，对教学起到检查、巩固、反思与提高的作用。通过毕业论文的写作，全面检查学生基础知识掌握情况、技能的熟练程度和实际分析问题、解决问题的能力，是对学生综合能力的全面检阅和考察。

The graduation thesis is a practical link to the comprehensive training of automation courses that students have learned. It is also a core course that combines the theories of automation with practice to develop students' comprehensive skills. The teaching process of graduation thesis is the last important part of the curriculum. It is the summary of the whole teaching process, and it plays the role of checking, consolidating, reflecting and improving the teaching-learning process. The completion of the graduation thesis requires comprehensive knowledge, mastery of basic skills and the ability to analyze and solve problems. It is an overall examination of students' studies and skills.



16. 预达学习成果 Learning Outcomes

学生完成课程后，将提升以下能力：

1. 调查研究、查阅和分析应用中外文献及获取网络信息的能力；
2. 进行理论分析、制定设计方案和实验方案的能力；
3. 开展理论和/或实验研究，采集及处理论据和数据的能力；
4. 综合分析、凝练创新、概括总结的能力；
5. 撰写论文、调研报告的能力；
6. 外语、计算机应用的能力。

Upon completion of the course, students will develop the following abilities:

1. Investigate, review, and analyze the ability to apply Chinese and foreign literature and access to network information;
2. Ability to conduct theoretical analysis, develop design plans and experimental plans;
3. Carry out theoretical and / or experimental research, the ability to collect and process arguments and data;
4. Comprehensive analysis, condensing innovation, and summarizing the ability;

5. Ability to write papers and research reports;
6. Foreign language, computer application ability.

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.)

教学日历:

- 一、11月，学生完成毕业论文选题。
- 二、11-12月，导师向学生下达毕业论文任务书。
- 三、12月-次年1月，学生完成毕业论文开题工作。
- 四、3月-4月，导师完成毕业论文中期检查。
- 五、5月初，导师完成毕业论文评阅。
- 六、5月中旬，学生完成毕业论文答辩。
- 七、5月底，完成毕业论文成绩评定。

Teaching calender:

- 1、Students select and finalize the topic in November.
- 2、The instructor issues a task book of thesis to students in November and December.
- 3、Students complete the proposal of thesis in December this year and January of the following year.
- 4、The instructor completes the mid-term of the thesis in March and April.
- 5、The instructor completes the thesis review in early May.
- 6、Students complete thesis defense in mid-May.
- 7、The result of the thesis will be determined in the last ten days of May.

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

无 NA

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				
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)		导师评阅(20%) Supervisor Review 评阅人评阅(20%) Expert Review 毕业答辩(60%) Graduation Defense		

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



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