

课程大纲 COURSE SYLLABUS

1.	课程代码/名称 Course Code/Title	专利基础与撰写 Patent foundation and writing
2.	课程性质 Compulsory/Elective	专业选修课 Major Elective Courses
3.	开课单位 Offering Dept.	深港微电子学院 School of Microelectronics
4.	课程学分/学时 Course Credit/Hours	1/16
5.	授课语言 Teaching Language	中文 Chinese
6.	授课教师 Instructor(s)	张国飙 Zhang Guobiao
7.	开课学期 Semester	秋季 Autumn
8.	是否面向本科生开放 Open to undergraduates or not	否 Not
9.	先修要求 Pre-requisites	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) 无 N/A
10.	教学目标 Course Objectives	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) 本课程旨在对研究生进行专利基础教育, 并初步具备撰写专利申请的能力。 This course aims to provide the graduate students a basic view of patent system. It also teaches how to write a basic patent application.
11.	教学方法 Teaching Methods	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) 课程以理论讲授为主, 结合分组讨论, 小组展示, 作业, 个人总结等 Focus on lecture, combine with group discussion, group presentation, projects assignments and summary, etc.
12.	教学内容 Course Contents	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)
	Section 1	1-4 学时: 发明对社会的贡献和意义、著名的发明家、专利简介、发明的艺术以及专利的要求; 学生分组、注册中国专利局账号、以组为单位尝试一个发明构思 Credit Hour 1-4: contribution to the society, great inventors, patent basics, the art of invention and requirements of patents; form student groups, register an account with Chinese IP Office, each student group tries an inventive idea.
	Section 2	5-8 学时: 学习使用检索工具; 各组对自己的发明构思进行检索

	Credit Hour 5-8: teaching section: searching tools; lab section: each student group searches prior art for the idea.
Section 3	9-12 学时：基于检索结果对发明构思进行优化；发明构思的定型 Credit Hour 9-12: teaching section: refine the idea based on the search results; lab section: finalize the idea.
Section 4	13-16 学时：说明书和权利要求的结构；绘图、权利要求和说明书的撰写、递交申请 Credit Hour 13-16: teaching section: specification, claims; lab section: drawings and writing of specification, writing of claims and filing of patent applications.
Section 5	
Section 6	
Section 7	
Section 8	
Section 9	
Section 10	
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13. 课程考核 Course Assessment	
<p>(①考核形式 Form of examination; ②.分数构成 grading policy; ③如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)</p> <p>考查 Evaluation 出勤 Attendance 10%, 课堂表现 Class Performance 20%, 课程项目 Projects 70%</p>	
14. 教材及其它参考资料 Textbook and Supplementary Readings	
David Pressman, "Patent It Yourself", 17th edition, NOLO 2014	