

國立屏東大學 111學年度第1學期 教學課程綱要

※為保護智慧財產權，請勿非法影印教科書。

課程學分數：（2學分2小時）

授課教師：

必選修：必修

開課序號	
科目名稱	資訊英文
科目英文名稱	English for Information Technology
授課語言	English/Chinese
主要教學型態	Lecture/practice/discussion/writing and speaking practice
教學目標 Teaching Objectives	<p>The course is designed to:</p> <ol style="list-style-type: none"> 1. introduces students to the language and discourse of science and develops their competence in speaking and writing about technology topics. 2. help students build on the IT discipline/domain-based language and communication skills. 3. develop a useful communication toolkit targeted at external and internal audiences.
預期學習成果 Intended Learning Outcomes (ILOs)	<p>Students will be able to:</p> <ol style="list-style-type: none"> 1. increase their command of related vocabulary and terminology in computer science, 2. improve their academic reading and listening skills relevant to computer science, 3. develop their oral skills for technical discussion and presentation, and 4. enhance their writing skills for specific purposes and audience.
核心能力	<p>溝通表達能力 (含數位表達) 思考、創造與自學能力</p>
每週課程內容及教學方法 Weekly Course Content and Teaching Methods	<p>Week 1 Pre-test, Course Introduction Date: 9/5 Lecture & Test Theme ONE: Disciplinary Language Awareness Week 2-Week 4 Dates: 9/12, 9/19, 9/26</p> <ul style="list-style-type: none"> ● expand disciplinary vocabulary on an ongoing basis ● understand the main ideas of complex text on both concrete and abstract topics ● identify the purpose and key information of a text; ● distinguish fact from opinion ● synthesize & organize material from spoken and written sources ● evaluate sources & critically analyze academic texts <p>Lecture, pair work, group discussion, writing and speaking practice Assessment: A 3-minute thematic vocabulary presentation (pair work)</p> <p>Theme TWO Disciplinary Identity & Community Week 5-Week 8 Dates: 10/3, 10/10, 10/17, 10/24</p> <ul style="list-style-type: none"> ● understand, discuss and communicate the development of major topics or issues in the IT community

	<ul style="list-style-type: none"> ● select and extract salient information from a variety of sources in science ● present scientific data and information using infographic <p>Lecture, pair work, group discussion, writing and speaking practice</p> <p>Assessment: A 3-minute oral presentation (individual) to lay people on one of the most influential technology person in history</p> <p>Theme THREE Disciplinary Controversies & Challenges</p> <p>Week 9-Week 11 Dates: 10/31, 11/7, 11/14</p> <ul style="list-style-type: none"> ● search for, select & organize disciplinary articles/papers ● analyze data critically to form objectives and balanced judgments ● summarize, paraphrase & synthesize information from credible sources ● express opinion and take a position <p>Lecture, pair work, group discussion, writing and speaking practice</p> <p>Assessment: A 5-page analytical report</p> <p>Theme FOUR Disciplinary Positioning & Development</p> <p>Week 12-Week 14 Dates: 11/21, 11/28, 12/5</p> <ul style="list-style-type: none"> ● participate in and contribute to a peer discussion ● demonstrate knowledge of the features of various spoken and written genres in the discipline ● structure ideas logically, use language appropriately and keep citation accurately for specific academic genres ● present the ability to choose methods appropriate to research aims and objectives <p>Lecture, pair work, group discussion, writing and speaking practice</p> <p>Assessment: A 6-page research project proposal</p> <p>Theme FIVE Disciplinary Integration & Communication</p> <p>Week 15 Poster Section Date: 12/12</p> <p>Oral and written presentation</p> <p>Week 16 Post-test Date: 12/19</p> <p>Week 17-Week 18 Alternative Curricula Dates: 12/26, 1/2</p>
<p>與預期學習成果搭配的多元評量</p> <p>Multiple Assessments for the ILOs</p>	<ol style="list-style-type: none"> 1. Vocabulary presentation + Academic Learning Logs 15% 2. Individual presentation 15% 3. Group project (report + debating) 30% 4. Individual writing proposal (research based or industry project plan) 20% 5. Poster presentation 20%
<p>主要讀本</p> <p>Textbook(s)</p>	<p>There is no textbook attached to this course but a reading package will be provided.</p>
<p>參考書目</p> <p>Reference(s)</p>	<p>Blass, L., & Vargo, M. (2018). Pathways: Reading, Writing, and Critical Thinking (3) Heinle & Heinle Publisher.</p> <p>Rogers, L. (2018). Skillful 2: Reading and Writing. Macmillan Education.</p> <p>Westbrook, C. (2015). Unlock Level 3 Reading and Writing Skills. Cambridge</p>

University Press.

Chase, B., & Johannsen, K. (2020). World English. National Geographic Learning.