

Course Content

Course Title (English)	SPECIAL TOPICS IN UNDERWATER ACOUSTIC COMMUNICATIONS
Course Title (Chinese)	水聲通訊專題
Credit	3
Instructor	Prof. Jenho Tsao 曹建和 教授
Outline	<p>1. INTRODUCTION</p> <p>2. APPLICATIONS OF UNDERWATER ACOUSTIC COMMUNICATION</p> <p>3. ACOUSTIC CHANNEL CHARACTERISTICS AND LIMITATIONS</p> <p>4. ACOUSTIC CHANNEL EQUALIZATION</p> <p>5. DIVERSITY AND ARRAY TECHNIQUES</p> <p>6. UNDERWATER NETWORKING</p> <p>THE COURSE CONSISTS A SERIES OF STUDIES ABOUT THE TOPICS THAT ARE OF SPECIAL CONCERN IN UNDERWATER ACOUSTIC COMMUNICATION. AT THE FIRST WEEK OF EACH TOPIC, AN OVERALL INTRODUCTION IS GIVEN BY TEACHER, THEN PAPER READING AND ORAL PRESENTATION OF SELECTED PAPERS WILL BE DONE BY STUDENTS IN THE FOLLOWING WEEKS.</p>
Goal	讓學生了解水聲通訊的問題及其發展近況。
English Teaching	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Teaching Material	<input checked="" type="checkbox"/> English <input type="checkbox"/> Chinese