

## Course Content

Course Title (English)	Digital Image Processing
Course Title (Chinese)	數位影像處理
Credit	3
Instructor	Prof. Homer H. Chen 陳宏銘 教授
Outline	<p>This course introduces the basic concepts and methodologies of digital image processing. The foundation learned from this course will be useful for further study and research in this field. Topics to be covered in this courses are related to the use of computer to</p> <ul style="list-style-type: none"><li>- acquire/generate images</li><li>- process/manipulate/store images</li><li>- model/analyze/interpret/recognize images</li><li>- display images.</li></ul>
Goal	<ul style="list-style-type: none"><li>- Develop a deep understanding of the field of image processing</li><li>- Learn the fundamental algorithms and their implementations</li><li>- Gain experiences in applying image processing algorithms to real-world problems</li><li>- Able to read the current image processing research literature</li></ul>
English Teaching	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Teaching Material	<input checked="" type="checkbox"/> English <input type="checkbox"/> Chinese