

Course Content

Course Title (English)	Digital Image Processing
Course Title (Chinese)	數位影像處理
Credit	3
Instructor	Prof.Ming-Sui Li 李明穗 教授
Outline	<p>This course covers theoretical foundations and modern applications in digital image processing. Linear algebra, probability and calculus are the prerequisite of this course. It is expected that students have good programming skills in C/C++ which are required for programming assignments. The outline of this course is given as follows.</p> <ul style="list-style-type: none">I. IntroductionII. Digital Image FundamentalsIII. Image EnhancementIV. Edge DetectionV. Geometrical ModificationVI. Morphological ProcessingVII. Texture AnalysisVIII. Document ProcessingIX. Image RestorationX. Color Image ProcessingXI. Image Compression
Goal	The goal of this course is to let students learn theoretical foundations and modern applications in digital image processing.
English Teaching	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Teaching
Material

English

Chinese