

Course Content

Course Title (English)	Queueing Theory
Course Title (Chinese)	排隊理論
Credit	3
Instructor	Prof. Zsehong Tsai 蔡志宏 教授
Outline	<ol style="list-style-type: none">1. Introduction of Queueing Model and Review of Markov Chain2. Simple Markovian Birth and Death Queueing Models(M/M/1, etc)3. Advanced Markovian Queueing Models4. Jackson Queueing Networks5. Models with General Arrival and Service Pattern(M/G/1, G/M/1)6. Discrete Time Queueing Models
Goal	訓練對各主要排隊模型之數學分析能力，並建立以排隊理論進行通資訊系統及相關工業工程系統之效能分析能力
English Teaching	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Teaching Material	<input checked="" type="checkbox"/> English <input type="checkbox"/> Chinese