

Course Content

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| Course Title (English) | Principles of Semiconductor Lasers |
| Course Title (Chinese) | 半導體雷射原理 |
| Credit | 3 |
| Instructor | Prof. Ming-Hua Mao 毛明華 教授 |
| Outline | <ol style="list-style-type: none">1. Introduction2. Fundamentals of Semiconductor Lasers3. Mirrors and Resonators for Diode Lasers4. Gain and Recombination Mechanisms5. Dynamic Properties of Semiconductor Lasers6. Tunable Lasers and Laser-modulators7. Recent Development of Semiconductor Lasers |
| Goal | 介紹半導體雷射的工作原理與發光的物理機制，探討其動態特性與應用 |
| English Teaching | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Teaching Material | <input checked="" type="checkbox"/> English <input type="checkbox"/> Chinese |