

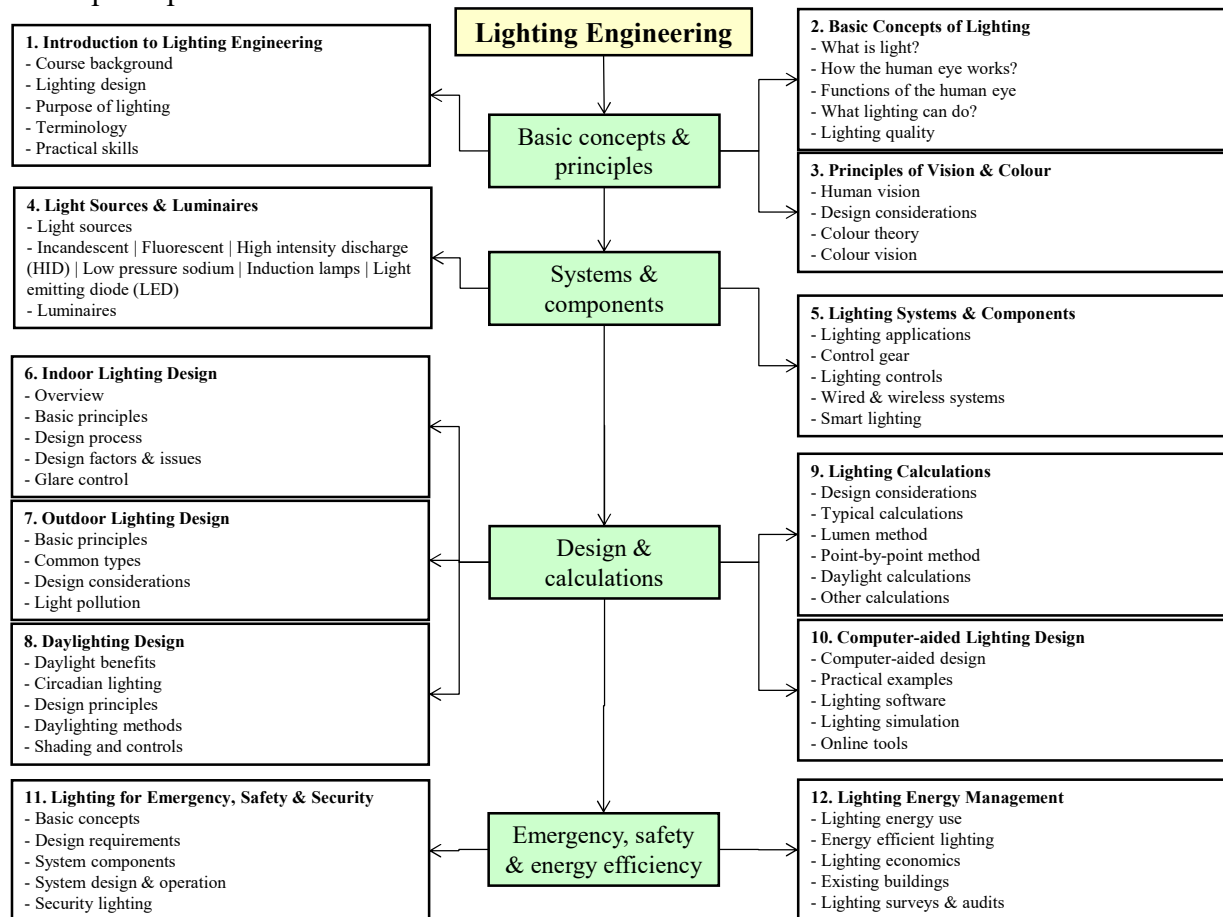
IBTM5680 Lighting Engineering

<http://ibse.hk/IBTM5680/>

Summary of Teaching (2025-2026 Fall Term) (Ir Dr. Sam C. M. Hui)

1. Introduction to Lighting Engineering 2. Basic Concepts of Lighting 3. Principles of Vision & Colour	Basic concepts & principles
4. Light Sources & Luminaires 5. Lighting Systems & Components	Systems & components
6. Indoor Lighting Design 7. Outdoor Lighting Design 8. Daylighting Design 9. Lighting Calculations 10. Computer-aided Lighting Design	Design & calculations
11. Lighting for Emergency, Safety & Security 12. Lighting Energy Management	Emergency, safety & energy efficiency

Concept Map:



Assignments:

- Assignment 01 – Principles of Interior Lighting Design
- Assignment 02 – Lighting Calculations and Analysis