# 朝陽科技大學 097學年度第2學期教學大綱
# Risk Assessment and Management 風險評估與管理

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| 當期課號 | 7710 | Course Number | 7710 |
| 授課教師 | 羅煌木 | Instructor | LO,HUANG MU |
| 中文課名 | 風險評估與管理 | Course Name | Risk Assessment and Management |
| 開課單位 | 環境工程與管理系碩士在職專班二A | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程介紹健康風險特性與評估管理方法，內容包括程序描述、危害鑑定、模式介紹、失誤樹分析、結果分析、曝露評估、劑量反應與風險確認、輻射風險評估、環境評估、結構活性關係、風險管理、管理風險、風險評估與管理相關法規與ISO14000環境管理系統。 | Objectives | This course provides the characteristics of risk and its assessment and management。Teaching content contains process description, hazard identification, source models, fault tree analysis, consequence analysis, exposure assessment, dose response and risk characterization, radiation risk assessment, environmental assessment, structural activity relationships, risk management, managing risk, regulation and ISO 14000. |
| 教材 | 1.Louvar, 1998, Health and environmental risk analysis-fundamentals with applications(健康與環境風險分析-理論與應用)，2.許惠悰編著，風險評估與風險管理，3.黃清賢編著，危害分析與風險評估操作手冊。 | Teaching Materials | 1.Louvar, 1998, Health and environmental risk analysis-fundamentals with applications |
| 成績評量方式 | 1.出席15% 2.作業報告15% 3.期中考30% 4.期末考40% | Grading | 1.Presence 15% 2.Reports and presentation 15% 3.Mid-term examination 30% 4.Final-term examination 40% |
| 教師網頁 | | | |
| 教學內容 | 了解健康與環境風險分析之評估與管理，如程序描述、危害確認、來源模式、試誤樹分析、結果分析、曝露評估、劑量反應與風險特性、輻射風險評估、環境評估、化學分子結構行爲關係、風險管理、管理風險、法規、ISO 14000 | Syllabus | Understanding the fundamentals and applications of risk analysis and risk management such as process descriptions, hazard identification, sources models, fault tree analysis, consequence analysis, exposure assessment, dose response and risk characterization, radiation risk assessment<br>, environmental assessment, structural activity relationships, risk management, managing risk, regulations, ISO 14000. |

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