朝陽科技大學 093學年度第1學期教學大綱
Environmental Auditing and Practice 環境稽核與實作

當期課號	2057	Course Number	2057
授課教師	羅煌木	Instructor	LO,HUANG MU
中文課名	環境稽核與實作	Course Name	Environmental Auditing and Practice
開課單位	環境工程與管理系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	針對ISO14001環境管理系統之規範與條例，進行工廠、企業環境、實驗室與機構等之標準作業程序進行實地稽核與回饋計劃，內容包括ISO 14001條文解讀、環保相關法規、環境管理系統展開、生命週期評估理念與實作、環境化設計概論、清潔生產概論、環境影響評估、環境經濟與會計與環境管理系統查核等。	Objectives	This subject aims at the understanding of the guidelines and regulations of ISO 14000 and related environmental laws. ISO 14000 has been used to evaluate the environmental performance and environmental management system. Especially, the inspection of environmental performance and its feedback plan on the standard procedure are the essential element and the central spirit. Teaching content includes ISO 14001 guidelines analysis, related environmental laws and regulations, the spread of environmental management systems, life cycle analysis, design for the environment, clean production, environmental impact assessment, environmental economics and accounting and environmental management auditing and the like.
教材	1.Tibor, 1997, Implementing ISO 14000 2.經濟部工業局與中技社，ISO14000系列-工廠環境管理系統簡介 3.經濟部工業局與中技社，中小型企業環境管理系統建制指引技術手冊 4.經濟部工業局與中技社，環境績效評估技術與應用技術手冊 5.經濟部工業局與中技社，電路板業環境技術與建制環境管理系統技術手冊 6.經濟部工業局與中技社，產品環境化設計概論 7.簡易型中小企業環境管理系統手冊	Teaching Materials	
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	針對ISO14001環境管理系統之規範與條例，進行工廠、企業環境、實驗室與機構等之標準作業程序進行實地稽核與回饋計劃，內容包括ISO 14001條文解讀、環保相關法規、環境管理系統展開、生命週期評估理念與實作、環境化設計概論、清潔生產概論、環境影響評估、環境經濟與會計與環境管理系統查核等。	Syllabus	This subject aims at the understanding of the guidelines and regulations of ISO 14000 and related environmental laws. ISO 14000 has been used to evaluate the environmental performance and environmental management system. Especially, the inspection of environmental performance and its feedback plan on the standard procedure are the essential element and the central spirit. Teaching content includes ISO 14001 guidelines analysis, related environmental laws and regulations,

			the spread of environmental management systems, life cycle analysis, design for the environment, clean production, environmental impact assessment, environmental economics and accounting and environmental management auditing and the like.

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