

仁德醫護管理專科學校 103 學年度第 2 學期 教學大綱與進度表
Jen-Teh Junior College of Medicine, Nursing and Management
Second Semester, 2014/2015 Course Syllabus

科別 Department	職業安全衛生科 Department of Occupational Safety and Health		學制 Junior College	五年制 5 year	授課班級 Class	5年01班
授課老師 Instructor	林生財	e-mail	stlin@livemail.tw		學分數/時數 Credits/Hours	3.0/3
科目名稱			Course Title			
廢棄物處理			Wastes Treatment			
課程概述與目標			Course Description and Objective			
1. 了解廢棄物處理的背景與目的; 2. 了解廢棄物處理現況; 3. 了解廢棄物處理的技術; 4. 了解廢棄物處理技術之應用技巧。			1.To learn the background and objective of waste disposal. 2.To learn the current situation of waste disposal. 3.To learn the waste disposal technique. 4.To learn the application of waste disposal technique.			
週次 Weeks	教學內容			Course Contents		
1	智慧財產權宣導,安全衛生宣導(實驗課), 課程簡介(課程概要、職場倫理、性別平等)			Intellectual Property Rights ,Introduction		
2	總論-1(廢棄物之定義、廢棄物之管理及處理體制、廢棄物管理理念之演變、台灣地區廢棄物管理現況、 都市垃圾處理問題之特性及對策)			System introduction section-1		
3	總論-2(廢棄物處理方法流程及管理策略、廢棄物管理目標重點工作及策略、廢棄物處理相關法規)			ystem introduction section-2		
4	垃圾量與質-1(垃圾量、垃圾物理化學特性、垃圾性質之分析方法)			The characteristics and quantities of solid wastes-1		
5	垃圾量與質-2(事業廢棄物焚化處理各單元與進料分析之關係、垃圾處理計畫)			The characteristics and quantities of solid wastes-2		
6	垃圾之產生、減量、貯存、收集及清運-1			The production reduction storage collection and transportation of solid wastes-1		
7	垃圾之產生、減量、貯存、收集及清運-2			The production reduction storage collection and transportation of solid wastes-2		
8	前處理技術與設施			Pre-treatment techniques and facilities		
9	期中考			Mid-term Exam		
10	堆肥處理-1			Composting of solid wastes-1		
11	堆肥處理-2			Composting of solid wastes-2		
12	焚化處理-1			Incineration system-1		
13	焚化處理-2			Incineration system-2		
14	最終處置技術-1			Final treatment techniques-1		
15	最終處置技術-2			Final treatment techniques-2		
16	有害廢棄物-1			Hazard disposable waste-1		
17	有害廢棄物-2			Hazard disposable waste-2		
18	期末考			Final Exam		
評分方式			Evaluation			
1. 期中考30%、期末考 30%、平時成績40% 2. 平時成績包含(小考、作業、課堂表現、出勤)			Mid-term Exam (30%), Final Exam (30%), Quiz, Participation and Attendance (40%)			
課堂用書或參考書目 Textbooks		書名, 作者, 出版社(書號) 環境污染與防治,張漢昌,新文京 http://ivy5.epa.gov.tw/epalaw/index.aspx				
核心能力	01.安全衛生專業知能(20) 02.人文科技素養(0) 03.多元思考問題解決能力(10)					

代碼說明	04. 報告撰寫與表達(20) 07. 具溝通協調能力(10)	05. 具備基礎數理能力(20) 08. 尊重專業及職業倫理(10)	06. 培養終身學習的能力(10)
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先修課程		Prerequisite Course
no		no
教材網址		Website for Teaching Materials
no		no
圖儀設備與耗材		Equipment Requirements
no		no
課業輔導時間與地點		Office Hour
office hour		office hour
周次 Week	重點提示與課後作業	Highlights & Homework
1	複習、課後作業、小考	homework assignments, quizzes
2	複習第一章、課後作業、小考	Review Ch1 homework assignments, quizzes,
3	複習第一章、課後作業、小考	Review Ch1 homework assignments, quizzes
4	複習第二章、課後作業、小考	Review Ch2 homework assignments, quizzes
5	複習第二章、課後作業、小考	Review Ch2 homework assignments, quizzes
6	複習第三章、課後作業、小考	Review Ch3 homework assignments, quizzes
7	複習第三章、課後作業、小考	Review Ch3 homework assignments, quizzes
8	複習第四章、課後作業、小考	Review Ch4 homework assignments, quizzes
9	期中考	Mid-term Exam
10	複習第五章、課後作業、小考	Review Ch5 homework assignments, quizzes
11	複習第五章、課後作業、小考	Review Ch5 homework assignments, quizzes
12	複習第六章、課後作業、小考	Review Ch6 homework assignments, quizzes
13	複習第六章、課後作業、小考	Review Ch6 homework assignments, quizzes
14	複習第七章、課後作業、小考	Review Ch7 homework assignments, quizzes
15	複習第七章、課後作業、小考	Review Ch7 homework assignments, quizzes
16	複習第八章、課後作業、小考	Review Ch8 homework assignments, quizzes
17	複習第八章、課後作業、小考	Review Ch8 homework assignments, quizzes
18	期末考	Final-term Exam
備註		Remarks
no		no
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