

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	品質管制	Serial No. / ID	0763 / IEI3004
Dept.	工業工程與科技管理學系	School System / Class	大學日間部3年1班
Lecturer	余豐榮	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)567 / H541	Language	Chinese

## Introduction

Quality control (QC) is one of the important tools for improving product quality. This course will include the basic concept, QC history, tools to achieve a good quality and quality control chart, process capability analysis, sampling plan, quality system and the related award. The major objective of this course will be addressed on certain skills of quality control for the students.

## Outline

1. Introduction
2. quality control tools
3. Statistics and quality control
4. Statistical process control
5. Variables control chart
6. Attribute control chart
7. Process capability analysis
8. Sampling plan
9. Six sigma
10. Quality systems and Award

## Prerequisite

None, But finish engineering statistics will be better.