

# 99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	六標準差	Serial No. / ID	1654 / IEI3098
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	Optinal / 3	Graduate Class	No
Time / Place	(二)8 / H540 (四)34 / H540	Language	Chinese

Introduction
This course begins with a discussion about the development of quality methods and then introduces the theory and implementation of Six Sigma. The necessary skills to excute Six Sigma techniques and strategies at the Green Belt and Black Belt levels will be provided in the course. Attention is given to when to use the right tools for the right problems.

Outline
<ol style="list-style-type: none"><li>1. Total quality overview.</li><li>2. Six Sigma overview.</li><li>3. Statistics process control</li><li>4. Process and performance analysis</li><li>5. Quality control tools</li><li>6. Measurement system analysis</li><li>7. Six sigma measurement</li><li>8. Six sigma strategy</li><li>9. DMAIC</li><li>10. Six sigma culture</li><li>11. DMADV</li><li>12. Lean six sigma</li></ol>

Prerequisite
Some basic idea of engineering statistics and quality control