

102-2 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 生產管理 | Serial No. / ID | 2283 / IEI3101 |
| Dept. | 工業工程與管理學系 | School System / Class | 大學日間部3年1班 |
| Lecturer | 邱創鈞 | Full or Part-time | 專任 |
| Required / Credit | Required / 3 | Graduate Class | No |
| Time / Place | (二)567 / H540 | Language | Chinese |

| Introduction |
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| <p>The basic purpose of this course is to provide students with a broad understanding and knowledge of several operations management concepts. Such concepts include (but are not limited to) operations strategy, process design, forecasting, inventory management, scheduling, and quality management. Emphasis will be placed on the application of these concepts to actual business situations.</p> |

| Outline |
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| <p>Upon completion of this course, the student should be able to:</p> <ul style="list-style-type: none">? Understand the dynamics of operations strategy and be able to develop one for a company? Understand and apply the concepts of process improvement and reengineering? Be aware of the various manufacturing technologies and their purposes? Understand the importance of quality management and statistical process control? Be able to recommend a location for a facility and design its layout? Be able to use a variety of forecasting techniques? Understand the concepts and techniques of inventory management for independent and dependent demand items? Know the differences between push and pull systems? Understand project management and be able to apply project scheduling techniques |

| Prerequisite |
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| mathematical modeling ability |