

# 100-1 Preliminary Syllabus, Da-Yeh Univ

| Information       |               |                       |                |
|-------------------|---------------|-----------------------|----------------|
| Title             | 企業資料通訊        | Serial No. / ID       | 1630 / IMM3003 |
| Dept.             | 資訊管理學系        | School System / Class | 大學日間部2年1班      |
| Lecturer          | 楊豐兆           | Full or Part-time     | 專任             |
| Required / Credit | Required / 3  | Graduate Class        | No             |
| Time / Place      | (二)234 / B204 | Language              | Chinese        |

| Introduction   |
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| <p>A business data network is a loosely-organized collaboration of autonomous, interconnected business services, supporting host-to-host communication through standardized technologies, protocols and procedures. Business data communication (BDC) serves as the collaborative integration of information and knowledge within and in-between enterprises, effectively and efficiently. The BDC applications range from data interchange, cross-enterprises networking, e-commerce/business, mobile computing and like. This course will focus on technological and managerial aspects of business applications by the updated computer network. Students are expected to acquire professional knowledge in business data communication and probing skills in business networking from this course.</p> |

| Outline   |
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| <ol style="list-style-type: none"><li>1. Current status of enterprise network application status</li><li>2. Corporate information</li><li>3. Distributed data processing</li><li>4. TCP / IP and OSI</li><li>5. Internet applications</li><li>6. Internet operation</li><li>7. master-slave network computing with the organization</li><li>8. Ethernet and fibre channel</li><li>9. Wireless LAN</li><li>10. Wireless WAN</li><li>11. Network security</li><li>12. Enterprise network planning and design</li><li>13. Corporate network building</li><li>14. Enterprise network applications trend (Ubiquitous Computing, RFID)</li><li>16. Network implementation</li><li>17. Lab visit</li><li>18. Ethical issues in enterprise networking</li></ol> |

| Prerequisite              |
|---------------------------|
| Introduction to Computer. |