

**National Taipei University of Technology**  
**Ph.D. Program in Management, College of Management**

**Table of Qualifying Examination Subjects**  
**for international students enrolled since 2025 academic year\***

Subjects
<p><b>Industrial Engineering and Management track (3 of 6) :</b></p> <p>Advanced Statistics with Applications</p> <p>Advanced Operations Research</p> <p>Quality Management</p> <p>Production Management</p> <p>E-Business Management</p> <p>Advanced Human Factors</p> <p><b>** To be eligible for the <b>Advanced Human Factors</b> qualifying examination, students must have completed <b>both</b> “Cognitive Human Factors” and “Ergonomics evaluation and redesign in products” before they are allowed to take the exam.</b></p>
<p><b>Business Management track :</b></p> <p>Required subject:</p> <p>Research Methods</p> <p>Elective subjects (2 of 6):</p> <p>Financial Management</p> <p>The Analysis of Macroeconomics</p> <p>International Business Administration</p> <p>Strategic Management</p> <p>Managerial Decision Making Models</p> <p>Smart Retailing</p>
<p><b>Information and Finance Management track :</b></p> <p>Required subject:</p> <p>Finance Technology</p> <p>Elective subjects (2 of 4):</p> <p>Introduction to Financial Engineering</p> <p>International Finance</p> <p>Artificial Intelligence Development and Security</p> <p>Financial Management</p>

