**DEPARTMENT OF TECHNOLOGY AND KNOWLEDGE MANAGEMENT MASTER'S DEGREE PROGRAM COURSES**

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| --- | --- | --- | --- | --- |
| Course Code | Course Name |  | Course hours Weekly |  |
| *M/E* | T | A | T | ECTS Credit |
| SSI5000 | Scientific Research Techniques and Publication Ethics | M | 3 | 0 | 3 | 6 |
| TKM5000 |  |  |  |  |  |  |
| TKM1001 | Specialized Field Course | M | 6 | 0 |  | 6 |
| TKM5010 | Master Seminar  | M | 0 | 2 |  | 6 |
| TKM5020 | Master Thesis | M | 0 | 1 |  | 24 |
| TKM5030 | R&D Management | E | 3 | 0 | 3 | 6 |
| TKM5040 | Information and Communication Law | E | 3 | 0 | 3 | 6 |
| TKM 050 | Financial Management | E | 3 | 0 | 3 | 6 |
| TKM5060 | Supply Chain Management | E | 3 | 0 | 3 | 6 |
| TKM5070 | Technology and Innovation Management | E | 3 | 0 | 3 | 6 |
| TKM5080 | Engineering Management | E | 3 | 0 | 3 | 6 |
| TKM5090 | Business Economics | E | 3 | 0 | 3 | 6 |
| TKM5100 | Facility Planning | E | 3 | 0 | 3 | 6 |
| TKM5110 | Innovation Systems | E | 3 | 0 | 3 | 6 |
| TKM5120 | Database Management Systems I | E | 3 | 0 | 3 | 6 |
| TKM5130 | Introduction to Multimedia | E | 3 | 0 | 3 | 6 |
| TKM5140 | Project Management | E | 3 | 0 | 3 | 6 |
| TKM5150 | System Design and Analysis | E | 3 | 0 | 3 | 6 |
| TKM5160 | Management Information Systems | E | 3 | 0 | 3 | 6 |
| TKM5170 | Strategic Marketing Management | E | 3 | 0 | 3 | 6 |
| TKM5180 | Decision Support Systems | E | 3 | 0 | 3 | 6 |
| TKM5190 | Creative Thinking | E | 3 | 0 | 3 | 6 |
| TKM5200 | Strategic Technology Management | E | 3 | 0 | 3 | 6 |
| TKM5210 | Computer Integrated Manufacturing | E | 3 | 0 | 3 | 6 |
| TKM5220 | Information Systems Design | E | 3 | 0 | 3 | 6 |
| TKM5230 | Leadership and Team Management | E | 3 | 0 | 3 | 6 |
| TKM5240 | Entrepreneurship Business Establishment and Development | E | 3 | 0 | 3 | 6 |
| TKM5250 | Work and Workplace Safety | E | 3 | 0 | 3 | 6 |
| TKM5260 | Intellectual Property Rights and Law | E | 3 | 0 | 3 | 6 |
| TKM5270 | Research Methods | E | 3 | 0 | 3 | 6 |
| TKM5280 | Learning and Knowledge Creating Organizations | E | 3 | 0 | 3 | 6 |
| TKM5290 | New Product Development | E | 3 | 0 | 3 | 6 |
| TKM5300 | Leadership and Creativity in Technology Management | E | 3 | 0 | 3 | 6 |
| TKM5310 | Financial Analysis and Tools for Managers | E | 3 | 0 | 3 | 6 |
| TKM5320 | Network and Data Security Management | E | 3 | 0 | 3 | 6 |
| TKM5330 | Competition Law | E | 3 | 0 | 3 | 6 |
| TKM5340 | Information Systems Management | E | 3 | 0 | 3 | 6 |
| TKM5350 | E-Government: Concept and Applications | E | 3 | 0 | 3 | 6 |
| TKM5360 | Science History Studies | E | 3 | 0 | 3 | 6 |
| TKM5370 | Lean Management | E | 3 | 0 | 3 | 6 |
| TKM5380 | National Competition and Technology Management | E | 3 | 0 | 3 | 6 |
| TKM5390 | Customer Relations Management | E | 3 | 0 | 3 | 6 |
| TKM5400 | Database Management Systems II | E | 3 | 0 | 3 | 6 |
| TKM5410 | Special Topics in Information Technologies | E | 3 | 0 | 3 | 6 |
| TKM5420 | Risk Management | E | 3 | 0 | 3 | 6 |
| TKM5430 | Visual Culture and Technology | E | 3 | 0 | 3 | 6 |
| TKM5440 | Web Designing | E | 3 | 0 | 3 | 6 |
| TKM5450 | International Finance | E | 3 | 0 | 3 | 6 |
| TKM5460 | Communication Design Applications | E | 3 | 0 | 3 | 6 |
| TKM5470 | Knowledge Management Strategies | E | 3 | 0 | 3 | 6 |
| TKM5480 | Numerical Decision Techniques | E | 3 | 0 | 3 | 6 |
| TKM5490 | Logistics Management and International Logistics | E | 3 | 0 | 3 | 6 |
| TKM5500 | Human Resources Management | E | 3 | 0 | 3 | 6 |
| TKM5510 | Service Systems and Management | E | 3 | 0 | 3 | 6 |
| TKM5520 | E-Commerce and Applications | E | 3 | 0 | 3 | 6 |
| TKM5530 | Technology Insight | E | 3 | 0 | 3 | 6 |
| TKM5540 | Suitable Design in Manufacturing | E | 3 | 0 | 3 | 6 |
| TKM5550 | Entrepreneurship in the Information Society | E | 3 | 0 | 3 | 6 |
| TKM5560 | Information Technologies Supported Developments in the Service Sector | E | 3 | 0 | 3 | 6 |
| TKM5570 | Pattern Recognition | E | 3 | 0 | 3 | 6 |
| TKM5580 | Artificial Neural Networks | E | 3 | 0 | 3 | 6 |
| TKM9000 | Term Project | E | 0 | 1 |  | 8 |