

APPLIED ENGINEERING & TECHNOLOGY MANAGEMENT, B.S. - GRAPHIC & PACKAGING TECHNOLOGIES CONCENTRATION

Major in Appl Engineering & Tech Mgt

| Code | Title | Hours |
|---|--|-------|
| TECHNICAL OPTION | | |
| AENG 110 | Communication and Information Systems | 3 |
| AENG 241 | Drafting Communications | 3 |
| AENG 251 | Print Media Systems | 3 |
| Web Publishing Systems - Choose 1 of the following: | | 3 |
| AENG 252 | Web Publishing Systems | |
| DESN 201 | Understanding Web Design | |
| Fundamentals in Packaging Engineering | | 3 |
| AENG 258 | Package Engineering Fundmntls | |
| AENG 344 | Product Design | 3 |
| AENG 351 | Digital Imaging | 3 |
| AENG 355 | Contemporary Printing | 3 |
| AENG 356 | Desktop Publishing | 3 |
| AENG 357 | Packaging Specialty Printing | 3 |
| Research Development in Graphic Communication | | 3 |
| AENG 455 | R&D in Graphic Communications and Packaging | |
| AENG 457 | Print Production Management & Cost Estimating | 3 |
| TECHNOLOGY MANAGEMENT CORE | | |
| OSEH 120 | Fundamentals of Safety, Health, Environmental Issues | 3 |
| BUAD 231 | Principles of Marketing | 3 |
| BUAD 251 | Principles of Management (C- minimum pre-req for MGMT 452) | 3 |
| MGMT 452 | Operations and Supply Chain Management | 3 |
| AENG 492 | Technical Entrepreneurship | 3 |
| AENG 494 | Total Quality Management | 3 |
| ELECTIVE COURSES IN TECHNOLOGY MANAGEMENT | | |
| A maximum of 6 internship credits (ITEC 300, 400) may be counted for this degree. | | |
| Technology Management Electives - Choose 2 of the following: | | 6-24 |
| BUAD 161 | Intro to Financial Accounting | |
| BUAD 352 | Human Resource Management | |
| MGMT 357 | International Management | |
| AENG 300 | Co-Op Ed Experience in AENG | |
| AENG 392 | Intro to Industrial Training | |
| AENG 400 | Co-Op Ed Experience in AENG | |
| OSEH 221 | Industrial Fire Prevention, Protection and Control | |
| OSEH 323 | Human Factors in OSEH | |
| OSEH 333 | Introduction to System Safety | |
| PSYC 329 | Industrial Psychology | |

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| SOCY 318 | Soc Of Complex Organizations | |
| Total Hours | | 60-78 |
| Req Related for Applied Engineering, Tech/Mgt | | |
| Code | Title | Hours |
| ECON 101 | Principles of Macroeconomics | 3 |
| ECON 102 | Principles of Microeconomics | 3 |
| MATH 130 | Elements of Statistics 1 | 3 |
| Calculus - Choose 1 of the following: | | 4 |
| MATH 151 | Calculus for Management | |
| MATH 160 | Precalculus | |
| MATH 161 | Calculus 1 | |
| Directed Science - Choose 2 of the following: | | 6-8 |
| CHEM 101 | Chem!Better Things/Better Lvng | |
| CHEM 103 | Gen Organic and Biochemistry 1 | |
| CHEM 104 | Gen Organic and Biochemistry 2 | |
| PHYS 103 | Elements of Physics | |
| PHYS 104 | Applied Physics | |
| PHYS 131 | Physics 1 with Algebra | |
| PHYS 132 | Physics 2 with Algebra | |
| Can receive credit for either PHYS 103 or 104, but not both | | |
| Total Hours | | 19-21 |