Universidad Politécnica de Puerto Rico
Graduate School
Master Program in Engineering Management

**M.E.M. Engineering Management**

- **Core Courses**: 18 credit-hours
- **Eng. Mgmt. Courses**: 12 credit-hours
- **Emphasis Courses**: 9 credit-hours
- **Total**: 39 credit-hours

### Core Courses
18 credits

Management Courses (18 credits)
- MGM 5500 – Managerial Accounting
- MGM 5700 – Probabilities and Statistical Methods
- MGM 6070 – Managing Human Resources
- MGM 6560 – Management of Information Systems
- MGM 6620 – Managerial Finances – Prerq. MGM 5500
- MGM 6690 – Decision Making Techniques – Prerq. MGM 5700

### Specialization Courses in Engineering Management
12 credits

Engineering Management Courses (12 credits)
- MEM 5600 – Engineering Economic Analysis
- MEM 6110 – Engineering Management I
- MEM 6120 – Engineering Management II – Prerq. MEM 6110
- MEM 6200 – Engineering Management Project – Prerq. MEM 6120

### Emphasis Area Courses
9 credits

#### Manufacturing Management
- MEM 6420 – Maintenance Management
- MEM 6610 – Productivity Management
- MBA 6830 – Operations Management
- MGM 5800 – Supply Chain Management & Logistics

#### Public Works Management
- MEM 6170 – Cost Estimate and Contracting
- MEM 6610 – Productivity Management
- MEM 6710 – Professional Ethics & Public Policy

#### Construction Management
- MEM 6410 – Construction Management
- MEM 6170 – Cost Estimate and Contracting
- MEM 6820 – Business and Construction Law

#### Environmental Management
- MEM 6910 – Air Quality
- MEM 6915 – Water Quality
- MEM 6940 – Introduction to Pollution Control of Earth Systems
- EPM 6800 – Solid Waste Management
- EPM 6810 – Environmental Regulations
- EPM 6850 – Management for Sustainable Future

### Contact Information:
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