

# Department of Engineering



## Industrial Engineering, B.S.

Industrial engineers work at the interface of humans and machines and are principally concerned with the reduction of waste. These versatile engineers work in a diversity of industries including manufacturing, healthcare, supply chain logistics, tourism and food production. They connect workers, materials, technology, and information in cost-effective and sophisticated ways. USM's industrial engineering degree program provides a modern, hands-on and affordable program, preparing students for career success.

### Manufacturing



- Create new processes
- Keep workers safe
- Reduce waste

### Healthcare



- Improve patient outcomes
- Reduce costs
- Increase access to care

### Transport/Logistics



- Reduce bottlenecks
- Improve reliability
- Manage big data



### University of Southern Maine Engineering

- ❖ Small class sizes
- ❖ Conveniently located in Portland metroplex
- ❖ Affordable tuition
- ❖ Numerous student clubs/activities
- ❖ Dedicated faculty

### Industrial Engineering Courses of Study

- Work Design • Facility Design • Lean Six Sigma •
- Economics • Sociology • Human Factors •
- Engineering Statistics • Operations Research •

