Industrial Management

Program Director
David Ferguson, 347 Harriman Hall (631) 632-8763 David.Ferguson@stonybrook.edu

Graduate Certificate Awarded
Advanced Graduate Certificate in Industrial Management

Website
http://www.stonybrook.edu/spd/graduate/industrial.html

Application
https://app.applyyourself.com/AYApplicantLogin/fl_ApplicantLogin.asp?id=sunysb-edl

Industrial Management Program

Managers and knowledge workers face the challenges of rapid change, evolving technology and burgeoning information in today's global economy. This program's goals are to enable individuals to understand the integration of an enterprise's processes, as well as how to utilize modern tools, techniques and technologies to make their organization more competitive and profitable. The curriculum introduces the strategic fundamentals of the customer/value driven enterprise, the management concepts of organizational design and structure, and the basic business processes for running a successful enterprise.

The program is offered in conjunction with the Department of Technology and Society and articulates with its MS in Technological Systems Management as well as SPD's Master of Arts in Liberal Studies. Matriculation in either of these master's degree programs requires a separate application.

Gainful Employment Regulation Disclosures

Educational Computing Admissions

A. Personal statement.

B. A bachelor’s degree, with a cumulative 3.0 grade point average.

C. In those cases where the departmental admissions committee deems it desirable, personal interviews with departmental representatives may be necessary.

Certificate Requirements

This certificate program consists of 6 three-credit courses, selected from the list below.

1. Core Courses - 9 credits
   EMP 502 Engineering Economics
   EMP 506 Engineering Enterprise Management
   EMP 509 Management Information Systems

2. Required Courses - 6 credits
   Two of the following five courses must be taken:
   EMP 501 Behavioral and Organizational Aspects of Management
   EMP 503 Legal and Regulatory Aspects of Management
   EMP 504 Quantitative Methods of Management
   EMP 511 Starting the High Technology Venture
   EMP 517 Quality Management

3. Elective - 3 credits
   Select one of the required courses or one course from the following list:
   EST 520 Computer Applications and Problem Solving
   EST 530 Internet Electronic Commerce
   EST 581 Methods of Socio-Technological Decision Making
   EST 582 Systems Approach to Human-Machine Systems

Time to Completion
All certificate requirements must be completed within three (3) years from the semester date of admission as a matriculated student unless the student is also matriculated in a master's degree program. Master's students have five (5) years to complete the certificate requirements.

Faculty

The program's faculty is composed of full-time faculty from the Department of Technology and Society as well as practitioners and researchers who are leaders in the field.

NOTE: The course descriptions for this program can be found in the corresponding program PDF or at COURSE SEARCH.