

# **Application Procedure for Admission in Lean Management Program**

Approved during the 302<sup>nd</sup> Department Affairs Meeting, December 11, 2008

Amended during the 316<sup>th</sup> Department Affairs Meeting, May 20, 2010

Amended during the 324<sup>th</sup> Department Affairs Meeting, March 17, 2011

Approved during the 160<sup>th</sup> Academic Affairs Meeting, June 3, 2011

Amended during the 357<sup>th</sup> Department Affairs Meeting, December 18, 2014

Approved during the 175<sup>th</sup> Academic Affairs Meeting, March 27, 2015

Approved during the 182<sup>nd</sup> Academic Affairs Meeting, June 07, 2016

1. Qualification: All students of this university may take this course.
2. The number of recruitment: no limitation (But within the number of people who take the course.)
3. Application: Application form and the copy of transcript must be submitted to Department of Industry Management before graduation.
4. Minimum total credit requirements: Minimum of 18 units, with 12 units of required courses and at least 6 units of elective courses.
5. Required courses and no. of credits: As shown on the table for required courses and corresponding number of credits (The Program Review Committee of the Department of Industrial Management determines on the addition and deletion of elective courses of this program.)
6. Students taking this program course should choose and withdraw within the designated period of time during the semester.
7. Credits for this student program course will be included into the minimum credits for graduation required by each department and shall be included within the maximum limit of credits per semester.
8. Students who have taken and passed all the required program courses should fill out an application form before graduation and attach the original copy of the transcript before submitting it to the Department of Industrial Management within the appointed time. The School of Management will award the certificate of program completion after approval by the Program Review Committee.
9. Related matters concerned applying the program for other school's students shall be dealt with according to announcement from NTUST.
10. The rules of the university as well as relevant regulations and guidelines will apply to any matter not covered by these guidelines.
11. The regulations will be implemented after approval during the academic affairs meeting, as shall all future revisions.

(Appendix)

## Required Courses and Credits for Lean Management Program

Course Name <sup>1</sup>	Credits	Colleges offering courses	Required/ Elective Courses
Statistics (I)/ Statistics/Engineering Statistics	3	Department of Industrial Management/ Department of Business Administration/ Department of Information Management/ Department of Construction Engineering	Required
Production and Operations Management	3	Department of Industrial Management/ Department of Business Administration	Required
Quality Management	3	Department of Industrial Management	Required
Lean Production and Management	3	Department of Industrial Management	Required
Six Sigma	3	Department of Industrial Management	Elective
Statistics (II)	3	Department of Industrial Management	Elective (Students of the Department of Industrial Management may not transfer credits for this course)
Special Topics on Industrial Management <sup>2</sup>	4(2+2)	Department of Industrial Management	Elective
Experimental Plan/Experimental Design	3	Department of Industrial Management/ Department of Chemical Engineering	Elective
Multivariate Analysis	3	Department of Industrial Management/ Department of Information Management	Elective
Concepts and Methods in Quality Control	3	Department of Industrial Management	Elective
Total Quality Management	3	Department of Industrial Management	Elective
Reliability Engineering	3	Department of Industrial Management	Elective
Reliability Analysis	3	Department of Industrial Management	Elective

<sup>1</sup> Or courses of similar nature from other departments. It will be determined by the Program Review Committee of the Department of Industrial Management.

<sup>2</sup> Project content must be relevant to lean management issues. Students are required to submit a practical project report to be identified by the Program Review Committee.

Quality Engineering Using Robust Design	3	Department of Mechanical Engineering	Elective
Applied Statistics	3	Department of Information Management	Elective
Quality Control in Construction Engineering	3	Department of Construction Engineering	Elective
Advanced Statistics	3	Department of Industrial Management	Elective
Introduction to Project Management/Project Management/Project Management Theory and Practice	3	Department of Industrial Management/ Department of Business Administration/ College of Engineering Inter-department courses	Elective
Introduction to Technology and Lean Manufacturing Management	3	Department of Industrial Management	Elective
Production System Design	3	Department of Industrial Management	Elective