

INDUSTRIAL ENGINEERING GRADUATE PROGRAMS: SUPPLEMENTAL APPLICATION

Name: _____ Age: _____ Date: _____

*Campus or Work Address: _____ Phone: () _____

*Home Address: _____ Phone: () _____

**NOTE: Please circle preferred mailing address*

Marital status and dependent children: _____

List your undergraduate/graduate degrees, year received, field and institution.

a. _____

b. _____

c. _____

Citizenship: _____; if U.S., legal resident of what state: _____

Indicate degree for which you seek admission: M.I.E. (); M.S.I.E. (); Ph.D. ();
Direct-track Ph.D. () – see brochure.

What is/was your undergraduate cumulative grade point average? ()/4.00

The IE Department requires the GRE (and TOEFL for foreign students) and official records of scores must be sent. Meanwhile, if you know your scores, please indicate.

GRE: Verbal _____ Quan. _____ Anal. _____ Year _____; TOEFL: _____ Year _____

The following areas of concentration are currently recognized and supported in the program; please rank two of these areas by number (1, 2) to indicate your intended areas (1) of specialization and (2) of subspecialization. You are also asked to circle topics of particular interest to you within these areas for our guidance. This information is needed by the Admissions Committee.

(a) () Manufacturing Systems – manufacturing processes; CAD/CAM; flexible manufacturing systems; computer integrated manufacturing (CIM); CIM systems design; robotics; automated process control; artificial intelligence applications; fixture design; process planning.

(b) () Production Systems – planning, scheduling, and inventory control; logistics; facility locations and design; material handling; vehicle routing and scheduling; production systems analysis and design; reliability and quality engineering; just-in-time systems; information systems.

(c) () Systems Analysis and Optimization – optimization, stochastics; simulation, decision theory and analysis, modeling.

(d) () Ergonomics – man-machine systems design; human performance; occupational biomechanics and work physiology; occupational safety; occupational and environmental stress.

Semester and Year for which you are applying: Fall Spring Summer, _____

**Return this form directly to: Cecilia Chen
Industrial Engineering, Box 7906
North Carolina State University
Raleigh, NC 27695-7906
Fax: 919-515-5281**

Or email the form to: cchen2@ncsu.edu

(Continue on back)

NOTE: Applications for admission and financial aid cannot be processed without this form.

Answer remaining if not already submitted in writing.

12. Indicate the nature of any practical experience and describe briefly.

13. Summarize the research interests you hope to pursue at NCSU; be specific.

14. If you have indicated a preference for teaching or research involvement, in what topics do you feel competent to significantly contribute? Why?

15. What is your career goal following completion of your graduate training?

16. If you desire financial aid, please describe the extent of your need including comment on financial resources and support from others (e.g., parents, spouse).

17. Why do you choose to apply to our graduate program in particular? Comment.

18. From what source(s), or from whom, did you learn about our program?