INDUSTRIAL TECHNOLOGY (ITEC)

ITEC 805P – Computer Aided Drafting 3 credit hours
Computer aided drafting and design is a beginning electronic drafting course designed to develop a working knowledge of CADD and the hardware components required of CADD systems. Completion of ITEC 120 is recommended prior to enrolling in this course.

ITEC 810P – Individual Problems in Construction 3 credit hours
Designed to meet the individual needs of the student who desires additional specialization in the construction area.

ITEC 812 – Branch Financial Excellence 3 credit hours
This course is designed to assist wholesale distribution professionals understand what it takes to make a distribution organization a top quartile financial success.

ITEC 815P – Technical Research Development in Industry and Business 3 credit hours
This course is designed to conceptualize the process of product design and technical research and development. Topics covering the role of technology and science will be discussed and the steps involved in product design and reporting technical research and development will be presented.

ITEC 816 – Purchasing for Profit-Purchasing Excellence 3 credit hours
This course will examine purchasing for profit principles applicable for industrial distribution professionals and other occupations which require advanced supply management instruction.

ITEC 820P – Individual Problems in Communication Technology 3 credit hours
Designed to meet the individual needs of the student who desires additional specialization in the communication area.

ITEC 822 – Quality Concepts and Prcesses in Distribution 3 credit hours
This course is designed to assist wholesale distribution professionals understand how to implement a Quality Control system at the distribution branch level.

ITEC 824 – Purchasing for Profit-Drive for Results 3 credit hours
This course will examine purchasing for profit principles applicable for industrial distribution professionals and other occupations which require advanced supply management instruction.

ITEC 826 – Human Capital and Training in Distribution 3 credit hours
This course is designed to show how to utilize the most important and expensive investment within a distribution business, the employee. This course will explore how to select, train, measure and reward for success.

ITEC 828 – Optimizing Distributor Profitability 3 credit hours
This course is the study of a systematic framework of best practices that can be adopted and implemented by wholesale distributors to improve profitability.

ITEC 832 – Warehouse Mangement and Lean Operations 3 credit hours
This course is designed to prepare the Operations Management either at the branch or corporate level in examining their current operations processes and guide them in changing to "lean" operations processes.

ITEC 834 – Sales Management and Training in Distribution 3 credit hours
This course is designed to assist current sales managers and sales professionals, desiring to enter the roll of Sales Manager, understand the roll and provide tools for them to be successful.

ITEC 836 – Strategic Pricing for Distributors 3 credit hours
This course is designed to examine pricing strategies that affect gross margin. The text uses a similar novel style as "The Goa"l by Eli Goldratt. The text takes the student through the process of restoring a failing company and the examples used to get the company to perform profitably by employing new pricing strategies.

ITEC 838 – The Forces of Change in Distribution and Global Strategies 3 credit hours
This course is designed to assist wholesale distribution professionals in understanding and confronting the challenges facing wholesale distributors in uncertain times and teach them how to plan for change.

ITEC 850P – Individual Problems in Manufacturing Technology 3 credit hours
Designed to meet the individual needs of the student who desires additional specialization in the manufacturing area.

ITEC 870P – Laboratory/Classroom Management Skills For Technology Education Teachers 2 credit hours
The class will introduce the student to effective instruction techniques, methods to manage and organize facilities, keep class records, maintain inventories, initiate acquisition of materials, order supplies, and oversee facility planning and human factors analysis.

ITEC 872 – ITEC Historical and Philosophical Base 3 credit hours
Study of the historical development of industrial technology education with references to present and future trends. A basis for the technology movement and future planning criteria are identified.

ITEC 880P – Training and Instructional Systems for Industry 3 credit hours
Audio, video, charts, graphs, computer based training systems and training software for industry and education will be developed, implemented and evaluated.

ITEC 883 – Curriculum Programs & Development 3 credit hours
Criteria underlying the improvement of technology education teaching. Students are given opportunity to reorganize and evaluate their present curricula.

ITEC 893 – Problems in Industrial Technology 1-3 credit hours
By permission of Department Graduate Coordinator. May be repeated for a total of 6 hours.
Total Credits Allowed: 3.00

ITEC 898P – Seminar in Industrial Technology 2-4 credit hours
A critique of contemporary issues and problems in industrial technology relating to industry, research, professionalism and technology.
Total Credits Allowed: 4.00

ITEC 899P – Teaching Technical Aspects of Industrial Technology 1-6 credit hours
Concentrated work in specialized areas of industrial technology.
Total Credits Allowed: 6.00