

COLLEGE OF TECHNOLOGY INTEROFFICE MEMORANDUM

TO: FRED LEWALLEN, ASSOCIATE DEAN FOR ACADEMIC AFFAIRS

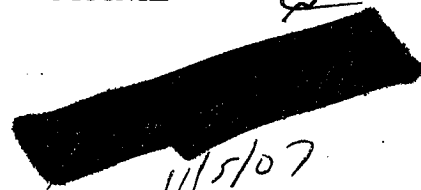
COLLEGE OF TECHNOLOGY UNDERGRADUATE ACADEMIC COUNCIL

FROM: MICHAEL L. GIBSON, CHAIR, ILT

SUBJECT: UNDERGRADUATE CURRICULA CHANGES

DATE: 9/27/2007

RECEIVED OCT 15 2007



APPROVED APR 16 2008

Supply Chain and Logistics Technology Degree Plan Change

The ILT faculty wish to change the degree plan for the Supply Chain and Logistics Technology (SCLT) Bachelor of Science degree, as well as propose additional courses (LOGT 3375, LOGT 3376, and LOGT 4387) to include in the SCLT curricula. The degree plan change provides greater emphasis on different tracks within the SCLT curricula; note that the proposed degree plan requires 18 hours in tracks that SCLT students can select as part of their SCLT degree. The existing SCLT degree plan only requires 15 hours in respective tracks. Note that the new SCLT degree plan moved the ITEC 2332 and ITEC 2334 courses from the College and Department Requirements section into the Systems Management Track. This move focuses the ITEC courses within the track for which they best fit. The reduction in College and Department Requirements hours from ~~27~~²⁷ to ~~24~~²⁷ permitted a 3 hour increase in each one of the tracks with the SCLT degree. The other three hour reduction from College and Department Requirements were then used for the proposed course (LOGT 4387) addition to the Major Core Requirements section of the new SCLT degree plan. The LOGT 4387 course, Financial Evaluation for Supply Chain Management, is being added to the curricula to provide instruction on the financial principles, methods, and practices within supply chain management.

The other two SCLT courses (LOGT 3375 and LOGT 3376) being proposed will become a part of a new Global Logistics track in the new SCLT degree plan. A much more global emphasis has emerged in supply chain management as we move in the global economy. This new track provides a way for SCLT students to gain better knowledge, skills, and experiences in global supply chain management. It is expected that with the Geography course and 2 new LOGT courses, SCLT students will enroll in 9 hours of courses from the 15 hours of global courses now scheduled by the Bauer College of Business for students from other colleges at UH.

The last new track in the new SCLT degree plan, Logistics Emphasis Track, provides up to eighteen hours of transfer course credits from students at local community colleges receiving supply chain related AAS degrees. We are working with two of the most prominent community colleges in Houston, Houston Community College and San Jacinto College, to provide a recognized pathway to transition from their community college AAS degree programs into the SCLT Bachelor of Science degree program. The 18 hour Logistics Emphasis Track provides a way for that transition to be better supported. Articulation agreements with both of these community colleges will document how that transition will be facilitated. The 18 hour block of transfer credits in the Logistics Emphasis Track will function in a similar way to how minors functions in the TELS degree program.

about this graduate program, refer to the Graduate and Professional Studies catalog or to the College of Technology Web site at www.tech.uh.edu.

Supply Chain and Logistics Technology (LTE)

- Major Requirements
- College and Department Requirements
- Operations Track (15 SH Minimum)
- Systems Management Track (15 SH Minimum)
- Recommended Electives
- University Requirements

Supply Chain and Logistics Technology is a technically-based program using information technology to optimize the global flow of industrial goods and services from manufacturer to industrial user. Supply Chain and Logistics Technology focuses on the international supply chain from the source of raw material through the final consumption of the product.

Because supply-chain functions are part of all business activities, skills acquired with this degree offer unlimited employment opportunities.

Career options for LTE graduates include supply-chain management with domestic and international manufacturing operations, service companies, third-party logistics providers, transportation companies, distribution centers, and other government and private businesses. Graduates are employed as industrial and transportation sales representatives; logistical analysts and consultants; operations managers; purchasing representatives; inventory control specialists; marketing directors; customer service representatives; and warehouse and distribution center managers.

**Requirements: Logistics
Technology Major**

LOGT 2380. Distribution
Channels

LOGT 3384. Logistics
Technology and
Processes

LOGT 3385.
Transportation
Economics and Policy

LOGT 3387.

Procurement

LOGT 3389.

Transportation Law

LOGT 4312. Inventory
and Materials Handling

LOGT 4375. Global

Supply Chain

LOGT 4380. Quality
Systems

LOGT 4387. Financial
Evaluation for Supply
Chain Management

LOGT 4389. Practicum
in ID

TELS 2371. Industrial
Fiscal Records

**College and Department
Requirements**

ECON 2305. Macro
Economics

COMM 3356. Business
and

Professional
Communication

GRTC 3353. Visual
Communications
Systems

ITEC 1301. Introduction
to Computer Application
Technology

LOGT 2362.

Introduction to Logistics
Technology

TELS 2360. Business

Law

TELS 3340.

Organizational
Leadership and
Supervision

or

HDCS 3300.

Organizational
Decision in

Technology

TELS 3363. Technical
Communications

**Operations Track (18 SH
Minimum)**

LOGT 3381.

Industrial/Consumer
Sales

MECT 1364. Materials
and Processes I

TELS 4341. Production
and Service Operations

** Approved Elective (9
SH)

**Systems Management Track (18
SH Minimum)**

ITEC 2332. Information
Technology Hardware
and Systems Software

ITEC 2334. Information

Systems Applications
ITEC 3343. Information
Systems Analysis and
Design
Management
ITEC 3365. Database
Management
**** Approved Elective (6
SH)**

**Global Logistics
Track (18 SH
Minimum)**

GEOG 2340. World
Realms

LOGT 3375. Maritime
Operations

LOGT 3376Global Trade
Intermediaries

**** Approved Elective (9
SH)**

**Directed Emphasis
Track (18 SH
Minimum) to be
transferred from
approved Community
College programs.**

**Electives to be chosen from College
of Technology, Engineering, or
Business (other choices must be
preapproved)

Approved
Recommended Electives

ELET 2307. Electrical-

Electronics Circuits
GRTC 2350. Graphics
for Digital Media
GRTC 3350. Graphic
Communications
Materials and Processes
GRTC 3351. Graphic
Production Process
Control I
HDCS 3369.
Entrepreneurship
HDCS 4386.
Communication
Strategies for
Merchandising and
Industrial Distribution
TELS 3345. Human
Resources in Technology
TELS 4371. Leading
Change in the Workplace
TELS 4390. Current
Issues in Technology
Leadership and
Supervision

University Requirements

Communication (6 semester hours)

ENGL 1303 and 1304. English
Composition I and II

History (6 semester hours)

HIST 1377, 1378

American Government (6 semester hours)

POLS 1336, 1337

Social and Behavioral Sciences (3 semester hours includes university core)

ECON 2304

Writing in the Discipline

(3 semester hours)

Three semester hours selected from core approved list

Humanities (3 semester hours)

Three semester hours selected from core approved list

Visual/Performing Arts (3 semester hours)

Three semester hours selected from core approved list

Mathematics/Reasoning (12 semester hours includes core and Bachelor of Science requirements)

MATH 1310. College Algebra
MATH 1313. Finite Mathematics
MATH 1314. Calculus for Business and the Life Sciences
TMTH 3360. Applied Technical Statistics

Natural Sciences (6 semester hours)

Six semester hours selected from core approved list

Degree awarded: Bachelor of Science

Major: Supply Chain and Logistics Technology

**Information Systems Technology
(ISTE)**

- Major Requirements
- College and Department Requirements
- University Core Curriculum

The Information Systems Technology program provides for the needs of a dynamic and integral part of business and industry--the information systems environment. Students will obtain a background in business applications, computer concepts, problem solving, decision making, human relations, evaluation,

UNIVERSITY OF HOUSTON
COLLEGE OF TECHNOLOGY

INFORMATION & LOGISTICS TECHNOLOGY DEPARTMENT
BACHELOR OF SCIENCE

NAME _____ UHID _____

UNIVERSITY CORE REQUIREMENTS (42 SH)

GR SH AH

Communication (6 SH)

ENGL 1303 English Composition I _____
ENGL 1304 English Composition II _____

Writing In the Discipline* (3 SH)

History/Government (12 SH)

HIST 1376 or 1377 US History to 1867 _____
HIST 1378 or 1379 US History since 1867 _____
POLS 1336 US & TX Const/Politics _____
POLS 1337 US Government _____

Humanities* (3 SH)

Visual/Performing Arts* (3 SH)

Social/Behavioral Sciences (3 SH)

ECON 2304 Microeconomic Principles _____

Natural Sciences* (6 SH)

Math/Reasoning (12 SH)

MATH 1310 College Algebra _____
MATH 1313 Finite Mathematics _____
SMATH 1314 Elements of Calculus _____
TMTH 3360 Applied Tech Statistics _____

COLLEGE AND DEPARTMENT REQUIREMENTS (24 SH)

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ECON 2305 Macroeconomic Principles _____
COMM 3356 Business & Prof Comm _____
ITEC 1301 Intro to Computer Applications _____
GRTC 3353 Visual Communications Sys _____
LOGT 2362 Intro to Logistics Tech _____
TELS 2360 Business Law _____
TELS 3340 Org Leadership & Suprv or
HDCS 3300 Org Decisions in Tech _____
TELS 3363 Technical Communication _____

*Refer to class schedule for courses to satisfy University requirements.

36 advanced (3000- or 4000-level) semester hours must be completed.

For graduation with Honors, see Undergraduate Catalog.

Total hours required: 123 semester hours

Texas Success Initiative requirements must be met.

MAJOR CORE REQUIREMENTS (33 SH)

©Must receive a "C" or better in major core courses
Taken since Fall 2003.

GR SH AH

LOGT 2380 Distribution Channels© _____
LOGT 3384 Logistics Tech & Proc. © _____
LOGT 3385 Trans Economics & Policy© _____
LOGT 3387 Procurement© _____
LOGT 3389 Transportation Law© _____
LOGT 4312 Inventory & Matrls Handling© _____
LOGT 4375 Global Supply Chain© _____
LOGT 4380 Quality Systems© _____
LOGT 4387 Global Sourcing© _____
LOGT 4389 Practicum in ID© _____
ACCT 2331 Accounting Principles I© _____

Choose the appropriate Track.

Operations Track (18 SH Minimum)

LOGT 3381 Industrial/Consumer Sales© _____
MECT 1364 Materials & Processes I© _____
TELS 4341 Production & Service Ops© _____
**Approved Elective _____ © _____
**Approved Elective _____ © _____
**Approved Elective _____ © _____

Systems Management Track (18 SH Minimum)

ITEC 2332 Intro to Client/Server Tech© _____
ITEC 2334 Information Systems Apps© _____
ITEC 3343 Information System & Design© _____
ITEC 3365 Database Management© _____
**Approved Elective _____ © _____
**Approved Elective _____ © _____

Global Logistics Track (18 SH Minimum)

GEOG 2340 World Realms© _____
LOGT 3375 Maritime Operations© _____
LOGT 3376 Global Trade Intermediaries© _____
**Approved Elective _____ © _____
**Approved Elective _____ © _____
**Approved Elective _____ © _____

Directed Emphasis Track (18* SH Minimum)

**Electives to be chosen from College of Technology, Engineering or Business (other choices must be pre-approved).

Recommended Electives:

ELET 2307, HDCS 4386, HDCS 3369, TELS 3345, TELS 4371, GRTC 2350, GRTC 3350, GRTC 3351, ITEC 4390