

# Technology Leadership & Supervision

The technology leadership and supervision program is designed to prepare professionals desiring to move into management/supervisory positions in business and industry. The objectives of the program are to develop a comprehensive understanding of the economic, political, and social environments within which productive enterprises must operate; to develop expertise in the application of analytical tools and fundamental concepts for problem-solving, conflict resolution, and decision-making; and to develop leadership qualities and abilities necessary for the effective supervision of people.

The technology leadership and supervision curriculum provides students with problem-solving skills as well as with abilities to supervise and communicate effectively. The curriculum emphasizes both theoretical and practical experiences. In addition to the University's general education core curriculum, students complete coursework in computer literacy, human resources, communications, and various technical areas. The minimum total hours required to complete the industrial supervision degree is 123.

Graduates from the technology leadership and supervision program enter a wide variety of careers. Job titles of some recent graduates include:

- Human Resource Specialist
- Facilities Manager
- Information Systems Supervisor
- Inventory Control Manager
- Manufacturing Coordinator
- Office Manger
- Operations Analyst
- Personnel Manager
- Plant Manager
- Production Control Supervisor
- Systems Analyst

Students may be eligible for an Associates degree from Lone Star College System after their first two years of study. Please see your Lone Star College advisor to check the requirements or refer to your LSC-Catalog pages 76-77.

The staff members in the Academic Student Services Office at the UC assist all students in determining which program of study to pursue. This includes providing information about the variety of programs available, reviewing transcripts to aid in identifying any courses to be completed before entering the program of choice, and serving as liaison between the student and university program representatives. Students who have already earned an associate's degree or have a substantial number of college academic credit hours should contact the Academic Student Services Office for advising and to begin the transfer admission process for the university offering the degree program they desire to pursue.

This brochure was created by the Academic Student Services Office based on information from the partner university.

For more information, please contact the Academic Student Services Office at the University Center:

281.618.7140 or 936.273.7510

E-mail: [UC@LoneStar.edu](mailto:UC@LoneStar.edu)

Internet: [LoneStar.edu/UniversityCenter](http://LoneStar.edu/UniversityCenter)

3232 College Park Drive  
The Woodlands, TX 77384

# Technology Leadership & Supervision

## Bachelor of Science

University of Houston



**Technology Leadership &  
Supervision-  
Bachelor of Science  
University of Houston**

<u>UH Course #</u>	<u>UH Course Title</u>	<u>LSCS Course #</u>
<b>Communication (6 hrs)</b>		
ENGL 1303	Freshman Composition I	ENGL 1301
ENGL 1304	Freshman Composition II	ENGL 1302
<b>Mathematics (6 hrs)</b>		
MATH 1310	College Algebra	MATH 1314
MATH 1313	Finite Math with Applications	MATH 2412 or MATH 1316
<b>Natural Sciences (6 hrs)</b>		
BIOL 1431	Introduction to Biological Science	BIOL 1406
or BIOL 1432	Introduction to Biological Science	BIOL 1407
or CHEM 1301/1101	Foundations of Chemistry	CHEM 1405
or CHEM 1331/1111	Fundamentals of Chemistry	CHEM 1411
or CHEM 1332/1112	Fundamentals of Chemistry	CHEM 1412
or GEOL 1330/1130	Physical Geology	GEOL 1403
or GEOL 1376/1176	Historical Geology	GEOL 1404
or PHYS 1301/1101	General Physics	PHYS 1401
or PHYS 1302/1102	General Physics	PHYS 1402
or PHYS 1311/1112	Physics I	PHYS 2425
or PHYS 2313/2113/1312	Physics II	PHYS 2426
<b>Humanities (3 hrs)</b>		
HIST 2351	Western Civilization	HIST 2311
or HIST 2353	Western Civilization	HIST 2312
or PHIL 1301	Introduction to Philosophy	PHIL 1301
or PHIL 1305	Introduction to Ethics	PHIL 2306
or MUSI 1309	Music Literature II	MUSI 2361

<u>UH Course #</u>	<u>UH Course Title</u>	<u>LSCS Course #</u>
<b>Visual &amp; Performing Arts (3 hrs)</b>		
ARTS 1380	Art History I	ARTS 1303
or ARTS 1381	Art History II	ARTS 1304
or MUSI	Music Appreciation	MUSI 1306
or MUSI 1308	Music Literature I	MUSI 2360
<b>History (6 hrs)</b>		
HIST 1376	The U.S. to 1877	HIST 1301
HIST 1378	The U.S. since 1877	HIST 1302
<b>Political Science (6 hrs)</b>		
POLS 1336	US & TX Constitution & Politics	GOVT 2301
POLS 1337	US Government: Congress, Presidency, & Courts	GOVT 2302
<b>Social Sciences (6 hrs)</b>		
PSYC 3310	Industrial Organizational Psychology (writing intensive)	
ANTH 1300	Introduction to Anthropology	ANTH 2346
or ECON 2304	Microeconomic Principles	ECON 2301
or ECON 2305	Macroeconomic Principles	ECON 2302
or GEOG 2340	World Realms	GEOG 1303
or POLS 1333	Introduction to Political Science	GOVT 2304
or PSYC 1300	Introduction to Psychology	PSYC 2301
or PSYC 2380	Introduction to Social Psychology	PSYC 2326
or SOC 2300	Introduction Sociology	SOCI 1301

<u>UH Course #</u>	<u>UH Course Title</u>	<u>LSCS Course #</u>
<b>Major Requirements</b>		
PHIL 1321	Logic I	MATH 1316
LOGT 2362	Intro. to Logistics Tech.	
GRTC 3353	Visual Communications Tech.	
TELS 3340	Org. Leadership & Supervision	
TELS 3345	Human Resources in Tech.	
TELS 3355	Project Leadership	
TELS 3363	Technical Communication	ENGL 2311
TELS 3365	Team Leadership	
TMTH 3360	Applied Tech. Systems	
LOGT 4380	Quality Systems	
TELS 4341	Production & Service Operations	
TELS 4371	Leading Change in the Workplace	
TELS 4372	Proposal & Project Writing	
TELS 4390	Current Issues in TLS	
TELS 4378	Senior Project	
<b>Elective or Computer Literacy</b>		
ITSC 140		
or ITSC 140		
or CPMT 1403		
or COSC 1401		
<b>Directed Emphasis (33 hrs)</b>		
Transfer/change of major students will create an emphasis that is composed of at least 33 semester hours.		
<b>Total Hours</b>		<b>*123</b>

(See LSCS catalog for more details on Associate's Degree)

\*See UH catalog for any changes