

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

| <u>UH Course #</u> | <u>UH Course Title</u> | <u>NHMCCD Course #</u> |
|--|------------------------------------|---------------------------|
| <i>010 Communication (6 hrs)</i> | | |
| ENGL 1303 | Freshman Composition I | ENGL 1301 |
| ENGL 1304 | Freshman Composition II | ENGL 1302 |
| <i>020 Mathematics (3 hrs)</i> | | |
| TMTH 1335 | Basic Technical Math | MATH 1308 or MATH 1314 |
| <i>030 Natural Sciences (6 hrs)</i> | | |
| 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 |
| <i>Humanities and Visual & Performing Arts (6 hrs)</i> | | |
| <i>040 Humanities (3 hrs)</i> | | |
| 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 |
| <i>050 Visual & Performing Arts (3 hrs)</i> | | |
| 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 |
| or MUSI 1309 | Music Literature II | MUSI 2361 |

| <u>UH Course #</u> | <u>UH Course Title</u> | <u>NHMCCD Course #</u> |
|--|--|------------------------|
| <i>Social & Behavioral Science (18 hrs)</i> | | |
| <i>060 History (6 hrs)</i> | | |
| HIST 1376 | The U.S. to 1877 | HIST 1301 |
| HIST 1378 | The U.S. since 1877 | HIST 1302 |
| <i>070 Political Science (6 hrs)</i> | | |
| POLS 1336 | US & TX Constitution & Politics | GOVT 2301 |
| POLS 1337 | US Government: Congress, Presidency, & Courts | GOVT 2302 |
| <i>080 Social Sciences (6 hrs) 3 hrs must be writing intensive. The Associate of Arts requires only 3 hours.</i> | | |
| 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 | GEOG1303* |
| 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* |
| <i>090 Mathematics/Reasoning (3 hrs)</i> | | |
| TMTH 3360 | Applied Technical Statistics | |
| Approved Electives (12 hrs) or Minor | | |
| <i>Department Requirements for Option 1 & 2 (18 hrs)</i> | | |
| ITEC 3340 | Organizational Leadership & Supervision | BMGT 2303 |
| ITEC 3363 | Technical Communications | ENGL 2311 |
| or ITEC 3372 | Communication in Science, Engineering & Technology Practicum | |
| ITEC 4377 | Entrepreneurship | |
| HDCS 4369 | Visual Communication Systems | |
| OCTE 3353 | Introduction to Computer Application Technology | |
| TECH 1301 | Computer Applications in Technology | |
| TECH 3365 | Computer Applications in Technology | |

| <u>UH Course #</u> | <u>UH Course Title</u> | <u>NHMCCD Course #</u> |
|--|--|---------------------------|
| <i>Requirements for Option 1: Technology Leadership & Supervision (48 hrs)</i> | | |
| ITEC 2371 | Industrial Fiscal Records | |
| ITEC 3345 | Human Resources in Tech | BMGT 2375 |
| ITEC 4341 | Production & Service Operations | |
| ITEC 4348 | Supervisor Employee Relationships | |
| ITEC 4349 | Organizational Dynamics | |
| ITEC 4350 | Industrial & Environmental Safety | |
| OCTE 2360 | Business Law | BUSI 2301 |
| OCTE 4371 | Leading Change in the Workplace | |
| TRDE 3346 | Wage & Salary Administration | |
| HDCS 3300 | Organizational Leadership & Supervision | BMGT 1303 |
| ECON 2301 | Economic Concepts & Issues | |
| <i>Students must complete one of the following groups of electives to complete the major requirements above:</i> | | |
| <i>Group A (15 hrs)</i> | | |
| TRDE 4340 | Training Techniques for Supervisors | |
| TRDE 4344 | Computer Applications in Training | |
| TRDE 4346 | Adult Group Processes | |
| TRDE 4351 | Instructional Strategies in Training & Development | |
| EPSY 3300 | Educational Psychology | |
| <i>Group B (15 hrs)</i> | | |
| ITEC 3350 | Graphic Communications Materials & Processes | GRPH 1350 |
| ITEC 3351 | Image Technology I | GRPH 1322 or GRPH 1325 |
| ITEC 3352 | Press Technology I | |
| ITEC 4372 | Costing in Graphic Communications Technology | |
| ITEC 4373 | Image Technology II | |
| <i>Requirements for Option 2: Technology Leadership & Supervision /Occupational Technology (48 hrs)</i> | | |
| <i>Technical Specialization (36 hrs) Must be approved by UH</i> | | |
| <i>Occupational Technology Minor (18 hrs) or minor pre-approved by coordinator of major (15 hr minimum)</i> | | |
| Approved Technical Electives (6-9 hrs) | | |
| *Meets the multicultural requirement for the Associate of Arts degree. | | |
| Bold courses are a part of the associate of arts degree. Completion of these and some additional coursework will lead to an associate of arts degree. See NHMCCD catalog for more details. | | |