Transfer Guide
San Jacinto College & University of Houston-Downtown
Bachelor of Applied Arts & Sciences
in Safety Management
2012-2013 Catalog

Students pursuing a Bachelor of Applied Arts & Sciences in Safety Management at the University of Houston-Downtown are strongly encouraged to complete the Associate Degree before transferring to UHD. The degree provides a solid foundation through the traditional liberal arts education, and Associate degree core curriculum courses taken at San Jacinto College will transfer to UHD. Studies indicate students who complete an Associate degree are more likely to successfully complete a Bachelors degree.

General Education Core Curriculum

SJC

Written Communication (6 hours) 010
ENGL 1301 Composition I
ENGL 1302 Composition II

Oral Communication (3 hours) 011
Select one of the following:
SPCH 1311 Introduction to Speech
SPCH 1315 Public Speaking
SPCH 1318 Interpersonal Communication
Any SPCH course taken to complete this core component not listed above will satisfy the requirement at UHD.
For a complete list of all fully transferable SJC oral communication courses and options check the 2012-2013 Catalog.

Mathematics (3-4 hours) 020
Select one of the following:
MATH 1314 College Algebra, or
any other college level mathematics course where college algebra is a prerequisite.

Natural Science (8 hours) 030
Select any 8 hours of natural Science from:
BIOL, CHEM, GEOL, MBIO, or PHYS

Humanities (3 hours) 040
For a complete list of all fully transferable SJC Humanities core courses and options check the 2012-2013 Catalog.
NOTE: Students should consider taking a sophomore Literature class to meet future prerequisites.

Visual and Performing Arts (3 hours) 050
Select 3 hours from one of the following:
ARTS, DANCE, DRAM, or MUSI

American History (6 hours) 060
HIST 1301 American History Before 1877
HIST 1302 American History After 1877
HIST 2301 History of Texas
(Select 6 hours with 3 hours from U.S. History)
Any History course taken to complete this component not listed above will satisfy the requirement at UHD.
For a complete list of all fully transferable SJC American History core courses options check the

UHD

Communications (9 hours) 010
ENG 1301 Composition I
ENG 1302 Composition II

Select one of the following: 011
COMM 1304 Introduction to Speech Communication
COMM 1306 Beginning Public Speaking
COMM 2309 Interpersonal Communication

Mathematics (3 hours) 020
Select one of the following:
MATH 1301 College Algebra, or
any other college level mathematics course where college algebra is a prerequisite.

Natural Science (6 hours) 030
Select any 6 hours of natural Science from:
BIOL, CHEM, GEOL, MBIO, or PHYS

Humanities (3 hours) 040
Any sophomore Literature class

Visual & Performing Arts (3 hours) 050
Select 3 hours from one of the following:
ART, DRA or MUS

US History (6 hours) 060
HIST 1305 United States History to 1877
HIST 1306 United States History after 1877
HIST 2303 Texas History
(Select 6 hours with 3 hours from U.S. History)

For a complete list of all fully transferable SJC American History core courses options check the
Government (6 hours) 070
GOVT 2301 United States and Texas Politics & Constitutions
GOVT 2302 United States & Texas Government Institutions: Legislative, Executive & Judicial Branches

Political Science (6 hours) 070
POLS 2303 United States Government I
POLS 2304 United States Government II

Social/Behavioral Science (3 hours) 080
Select 3 hours from one of the following:
ANTH 2351 Cultural Anthropology
GEOG 1303 World Geography
PSYC 2301 General Psychology
SOCI 1301 Introduction to Sociology
Any course taken to complete this core component not listed above will satisfy the requirement at UHD. For a complete list of all fully transferable SJC Social/Behavioral Science core course options check the 2012-2013 Catalog.

Social/Behavioral Science (3 hours) 080
Select 3 hours from one of the following:
ANTH 2302 Cultural Anthropology
GEOG 1302 World Geography
PSY 1303 Introduction to Psychology
SOC 1303 Introduction to Sociology

Physical Education (2 hours) 090
Select any 2 hours from this option:
Any course taken to complete this core component not listed above will satisfy the requirement at UHD. A complete list of all fully transferable SJC designated Physical Education core course options check the 2012-2013 Catalog.

Computer Literacy (4 hours)
BCIS 1305 Business Computer Applications
COSC 1336 Programming Fundamentals I
Total 43-45 hours

Computer Literacy (3-4 hours) 090
CS 1305 Introduction to Computer Technology
CS 1408 Introduction to Computer Science w/Visual Basic
Total 42 hours

A transfer student who has successfully completed all of the common core requirements at SJC or another institution of higher education will satisfy all the UHD common core requirements. If not all of the common core requirements have been completed prior to the transfer, each core course transferred will be credited and will satisfy the corresponding common core requirements at UHD. Remaining UHD common core requirements must be satisfied. All prerequisites for UHD courses must be met.

Courses not listed on this sheet that satisfy core curriculum components (see italicized number) satisfy the equivalent component at the transferring institution or as free elective.

Technical Writing
ENG 3302 Business & Technical Report Writing

Safety Management Requirements Lower Division (18 hour)
Note: The lower-level requirements are taken as a block from an AAS degree in Fire Science, Safety, or Management. The UHD Program Coordinator will determine applicability of those transfer courses to the degree.

Safety Management Requirements at UHD (51 hours)
ENGR 3320 Principles of Fire Protection Chemistry & Physical
ENGR 3380 Occupational Safety Techniques
ENGR 3350 Construction Safety
ENGR 3375 Radiation Safety
ENGR 3330 Fire Alarm Signaling Systems
ENGR 3340 Fire Alarm Codes & Applications
ENGR 3365 Faire Protection in Power Plants
ENGR 3370 Fire Protection Law
ET 4390 Nuclear Plant Operations & Safety
ENGR 4310 Industrial Hygiene Instrumentation
ENGR 4330 Systems Safety Management
ENGR 4350 Industrial Loss Prevention
ET 4323 Technology Seminar
ENGR 4355 Industrial Safety
ENGR 4370 Human Factors/Fire & Safety
ENGR 4380 Violence & Safety
ENGR 4385 Scheme Management

Upper-Level Approved Electives (6 hours)

Note: Chosen from a list available in the ET Department.

Courses taken at San Jacinto College do not transfer as Upper Level courses.

Check with your advisor about how requirements from the Associate of Arts, the Associate of Science, and whether requirements from the Associate of Applied Science may be applied.

For a complete list of all Academic Requirements and criteria for the College of Sciences and Technology, Engineering Technology Department, located at 813-North, call 713-221-8015, or visit the UHD web site at www.uhd.edu/sceinces/ns/

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