

Science and Engineering-Related Technologies

Biotechnology

- 2 Biotechnology-AAS
- 3 Biotechnology-Certificate

Chemical Laboratory Technology

- 4 Chemical Laboratory Technology-AAS
- 6 Chemical Laboratory Technology-Certificate
- 7 Chemical Laboratory Technology-Municipal and Industrial Water Treatment Operation-Certificate
- 8 Chemical Laboratory Technology - Polymer Technology Specialization - Certificate

Drafting and Design Engineering Technology

- 9 Drafting and Design Engineering Technology-AAS
- 10 Computer- Aided Drafting- Certificate
- 11 Architectural Drafting Specialization- AAS
- 12 Computer- Aided Drafting- Architectural Drafting Specialization- Certificate
- 13 Electromechanical Design Specialization-AAS
- 14 Computer- Aided Drafting- Electromechanical Design Specialization-Certificate
- 15 Mechanical Design Specialization-AAS
- 16 Computer- Aided Drafting- Mechanical Design Specialization-Certificate
- 17 Process Piping Design Specialization- AAS
- 18 Computer- Aided Drafting- Process Piping Design Specialization- Certificate
- 19 Computer- Aided Drafting- Designer- Certificate
- 20 Computer- Aided Drafting- Designer- Architectural Drafting Specialization- Certificate
- 21 Computer- Aided Drafting- Designer- Piping Drafting Specialization- Certificate
- 22 Computer- Aided Drafting- Designer- Mechanical Drafting Specialization- Certificate
- 23 Computer- Aided Drafting- Designer- Electro- Mechanical Drafting Spec.- Certificate
- 24 Computer- Aided Drafting- Designer- Civil/Structural Drafting Specialization- Certificate

Electronic Engineering Technology

- 25 Biomedical Electronics Specialization-AAS
- 26 Computer Networking Specialization-AAS
- 27 Computer Engineering Technology Specialization-AAS
- 28 CISCO Router Technology Specialization-AAS

- 29 CISCO Router Technology-Certificate
- 30 CISCO Router Technology-Enhanced Skills Certificate
- 31 Wireless Telecommunications Specialization-AAS
- 32 Wireless Telecommunications Specialization-Certificate
- 33 Basic Electronics-Certificate
- 34 Computer Servicing/Networks-Certificate
- 35 Network Security-Certificate

Horticulture

- 36 Horticulture-AAS
- 38 Landscape Horticulture-Certificate
- 39 Golf Course Operations/Grounds Management-AAS
- 41 Golf Course Technician-Certificate
- 42 Golf Course Landscape Equipment Technician-Marketable Skills Achievement Award
- 43 Nursery and Floral Production-Certificate
- 44 Gulf Coast Gardener Award-Marketable Skills Achievement Award

Instrumentation Technology

- 45 Instrumentation Technology-AAS
- 46 Instrumentation Technology-Certificate
- 47 Instrumentation Technology-Fuel Cell Specialization-Certificate

Process Technology

- 48 Process Technology-AAS
- 49 Process Piping Technology-Certificate

Veterinary Paramedic

- 50 Veterinary Paramedic-Certificate

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___ VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

BIOTECHNOLOGY- ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
MATH 1314 College Algebra						
BITC 1402 Biotechnology Laboratory Methods and Techniques						
BITC 1311 Introduction to Biotechnology						
ENGL 1301 Composition I						
XXXX#3## Computer Applications Elective*						
SECOND SEMESTER						
BITC 2411 Biotechnology Laboratory Instrumentation						
BIOL 1406 General Biology I						
CHEM1411 General Chemistry I OR						
SCIT 1414 Applied General Chemistry I						
BITC 1370 Introduction to Biochemistry						
THIRD SEMESTER						
SCIT 2401 Applied Organic Chemistry I OR						
CHEM2423 Organic Chemistry I						
XXXX#3## Social Science General Education Elective						
BITC 1491 Special Topics in Biological Technology/ Technician						
SECOND YEAR						
FIRST SEMESTER						
BITC 2431 Cell Culture Techniques						
BITC 2441 Molecular Biology Techniques						
BIOL 2420 Microbiology						
BIOL 2401 Anatomy and Physiology I						
SECOND SEMESTER						
BITC 2471 Medical Biotechnology						
XXXX#3## Approved Humanities/Fine Arts General Education Elective						
BITC 2472 Immunological Methods and Techniques						
BITC 2386 Internship-Biological Technology/Technician						

* The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, or COSC 1401 Microcomputer Applications.

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___ VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

CHEMICAL LABORATORY TECHNOLOGY- ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
CTEC 1213 Introduction to Chemical Technology						
XXXX #3## Computer Applications Elective**						
PSYC 2301 Introduction to Psychology OR						
PSYC 2303 Business Psychology						
SECOND SEMESTER						
SCIT 1414 Applied General Chemistry I OR						
CHEM 1411 General Chemistry I						
BIOL 1406 General Biology I OR						
PHYS 1401 College Physics						
MATH 1342 Statistics						
XXXX #3## Approved Humanities/Fine Arts Gen. Ed. Elective						
THIRD SEMESTER						
SCIT 1543 Applied Analytical Chemistry						
SCIT 1415 Applied General Chemistry II OR						
CHEM 1412 General Chemistry II						
SECOND YEAR						
FIRST SEMESTER						
CTEC 1541 Applied Instrumental Analysis I						
SCIT 2401 Applied Organic Chemistry I OR						
CHEM 2423 Organic Chemistry I						
XXXX #4## Department Approved Program- Related Elective						
SECOND SEMESTER (SEE PAGE 2)						

HOUSTON COMMUNITY COLLEGE SYSTEM						Page 2 of 2
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION						
NAME:		SS#:		DATE:		
COLLEGE:		COUNSELOR/ADVISOR:		CATALOG YEAR: 06-07		
CHEMICAL LABORATORY TECHNOLOGY- ASSOCIATE IN APPLIED SCIENCE						
HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
SECOND SEMESTER						
SCIT 2402 Applied Organic Chemistry II OR						
CHEM2425 Organic Chemistry II						
CTEC 2531 Applied Instrumental Analysis II						
CTEC 2381 Cooperative Education OR						
CTEC 2386 Internship OR						
CTEC 2333 Comprehensive Studies in Chemical Technology						
XXXX #3## Approved Program-Related Elective*						

*Electives: PTAC 2314, PTAC 2334; GEOL 1403, GEOL 1404; CTEC 2441, CTEC 1349, CTEC 1345, CTEC 2443, CTEC 2445, CTEC 1401, EPTC 1427, EPTC 2414 or other department approved elective.

**The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 COmputer Applications I, BCIS 1405 Business Applications Business Computer Applications, or COSC 1401 Microcomputer Applications.

HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

CHEMICAL LABORATORY TECHNOLOGY - CERTIFICATE - MUNICIPAL AND INDUSTRIAL WATER TREATMENT OPERATIONS

HCCS Course Requirement	Transfer/Substitution		Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
	Institution	Course				
FIRST YEAR						
FIRST SEMESTER						
EPCT 1427 Water Treatment and Operations						
CTEC 1345 Chemical Laboratory Safety						
MATH 1314 College Algebra						
SCIT 1414 Applied General Chemistry I*						
SECOND SEMESTER						
SCIT 1543 Applied Analytical Chemistry						
SCIT 2401 Applied Organic Chemistry I**						
CTEC 1349 Environmental Chemistry						
THIRD SEMESTER						
CTEC 1541 Applied Instrumental Analysis I						
EPCT 2414 Wastewater Chemistry						
EPCT 1380 Cooperative Education - Environmental Engineering Technology/Environmental Technology OR						
CTEC 2333 Comprehensive Studies in Chemical Technology						

*CHEM 1411 may be substituted for SCIT 1414
**CHEM 2423 may be substituted for SCIT 2401

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

DRAFTING AND DESIGN ENGINEERING TECHNOLOGY - AAS

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
DFTG 1305 Technical Drafting						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2301 Introduction to Psychology						
DFTG 1309 Basic Computer-Aided Drafting						
SECOND SEMESTER						
DFTG 2319 Intermediate Computer-Aided Drafting						
DFTG 1358 Electrical/ Electronics Drafting						
DFTG 1333 Mechanical Drafting						
MATH 1316 Plane Trigonometry						
XXXX#3## Approved Humanities/Fine Arts Elective						
SECOND YEAR						
FIRST SEMESTER						
DFTG 2317 Descriptive Geometry						
DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 2302 Machine Drafting						
DFTG 1317 Architectural Drafting- Residential						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
SECOND SEMESTER						
DFTG 1370 Basic Computer- Aided Drafting- Microstation						
ARCE 1352 Structural Drafting						
DFTG 2330 Civil Drafting						
DFTG 2323 Pipe Drafting						
DFTG 2381 Cooperative Education OR						
ARCE 2344 Statistices and Strength of Materials						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

DRAFTING AND DESIGN ENGINEERING TECHNOLOGY- AAS-ARCHITECTURAL DRAFTING SPECIALIZATION

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
First Year						
FIRST SEMESTER						
DFTG 1305 Technical Drafting						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2301 Introduction to Psychology						
DFTG 1309 Basic Computer- Aided Drafting						
SECOND SEMESTER						
DFTG 1317 Architectural Drafting- Residential						
DFTG 2319 Intermediate Computer- Aided Drafting						
XXXX#3## Approved Humanities/ Fine Arts Elective						
DFTG 2330 Civil Drafting						
MATH 1316 Plane Trigonometry						
Second Year						
FIRST SEMESTER						
DFTG 2317 Descriptive Geometry						
DFTG 2300 Intermediate Architectural Drafting- Residential						
DFTG 1392 Special Topics in Architectural Drafting and Architectural CAD/CADD						
ARCE 1352 Structural Drafting						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
SECOND SEMESTER						
DFTG 1370 Basic Computer- Aided Drafting-Microstation						
DFTG 2328 Architectural Drafting- Commercial						
DFTG 2331 Advanced Technologies in Architectural Design and Drafting						
ARCE 2352 Mechanical and Electrical Systems						
DFTG 2381 Cooperative Education OR						
ARCE 2344 Statics and Strength of Materials						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

DRAFTING AND DESIGN ENGINEERING TECHNOLOGY - AAS - ELECTROMECHANICAL DESIGN SPECIALIZATION

HCCS Course Requirement	Transfer/Substitution		Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
	Institution	Course				
FIRST YEAR						
FIRST SEMESTER						
DFTG 1305 Technical Drafting						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2301 Introduction to Psychology						
DFTG 1309 Basic Computer-Aided Drafting						
SECOND SEMESTER						
DFTG 1358 Electrical/Electronics Drafting						
DFTG 2319 Intermediate Computer-Aided Drafting						
XXXX #3## Approved Humanities/Fine Arts Elective						
DFTG 1333 Mechanical Drafting						
MATH 1316 Plane Trigonometry						
SECOND YEAR						
FIRST SEMESTER						
DFTG 2317 Descriptive Geometry						
DFTG 1329 Electromechanical Drafting						
DFTG 2340 Solid Modeling/Design						
DFTG 2302 Machine Drafting						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
SECOND SEMESTER						
DFTG 2305 Printed Circuit Board Design						
DFTG 1370 Basic Computer- Aided Drafting- Microstation						
DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 1394 Special Topics in Electrical/ Electronics Drafting and Electrical/ Electronics CAD/CADD						
DFTG 2381 Cooperative Education						
ARCE 2344 Statics and Strength of Materials						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

DRAFTING AND DESIGN ENGINEERING TECHNOLOGY - AAS - MECHANICAL DESIGN SPECIALIZATION

HCCS Course Requirement	Transfer/Substitution		Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
	Institution	Course				
FIRST YEAR						
FIRST SEMESTER						
DFTG 1305 Technical Drafting						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2301 Introduction to Psychology						
DFTG 1309 Basic Computer-Aided Drafting						
SECOND SEMESTER						
DFTG 1333 Mechanical Drafting						
DFTG 2319 Intermediate Computer-Aided Drafting						
XXXX #3## Approved Humanities/Fine Arts Elective						
DFTG 2302 Machine Drafting						
MATH 1316 Plane Trigonometry						
SECOND YEAR						
FIRST SEMESTER						
DFTG 2340 Solid Modeling/Design						
DFTG 2317 Descriptive Geometry						
DFTG 1358 Electrical/Electronics Drafting						
DFTG 2306 Machine Drafting						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
SECOND SEMESTER						
DFTG 1370 Basic Computer- Aided Drafting- Microstation						
DFTG 1329 Electromechanical Drafting						
DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 2358 Advanced Machine Design						
DFTG 2381 Cooperative Education OR						
ARCE 2344 Statics and Strength of Materials						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

DRAFTING AND DESIGN ENGINEERING TECHNOLOGY - AAS - PROCESS PIPING DESIGN SPECIALIZATION

HCCS Course Requirement	Transfer/Substitution		Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
	Institution	Course				
FIRST YEAR						
FIRST SEMESTER						
DFTG 1305 Technical Drafting						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2301 Introduction to Psychology						
DFTG 1309 Basic Computer-Aided Drafting						
SECOND SEMESTER						
DFTG 2319 Intermediate Computer-Aided Drafting						
DFTG 2323 Pipe Drafting						
DFTG 2317 Descriptive Geometry						
MATH 1316 Plane Trigonometry						
XXXX #3## Approved Humanities/Fine Arts Elective						
SECOND YEAR						
FIRST SEMESTER						
DFTG 1370 Basic Computer-Aided Drafting-Microstation						
DFTG 2345 Advanced Pipe Drafting						
DFTG 1391 Special Topics in Drafting and Design Technology/ Technician, General						
DFTG 1396 Special Topics in Computer Graphics						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
SECOND SEMESTER						
DFTG 2370 Intermediate Computer-Aided Drafting- Microstation						
DFTG 2308 Instrumentation Drafting						
ARCE 1352 Structural Drafting						
DFTG 2371 Advanced Technologies in Process Plant Design						
DFTG 2381 Cooperative Education OR						
ARCE 2344 Statics and Strength of Materials						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

ELECTRONIC ENGINEERING TECHNOLOGY -AAS - BIOMEDICAL ELECTRONICS SPECIALIZATION

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2302 Applied Psychology OR						
PSYC 2301 Introduction to Psychology						
CETT 1403 DC Circuits						
CETT 1425 Digital Fundamentals						
SECOND SEMESTER						
MATH 1316 Plane Trigonometry						
CETT 1405 AC Circuits						
CETT 1429 Solid State Devices						
CPMT 1303 Introduction to Computer Technology						
THIRD SEMESTER						
MATH 1325 Elements of Calculus						
PHYS 1401 College Physics I						
SECOND YEAR						
FIRST SEMESTER						
BIOM 1309 Applied Biomedical Equipment Technology						
XXXX #3## Approved Humanities/Fine Arts Gen. Ed. Elective						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
CETT 1331 Technical Programming						
CETT 1457 Linear Intergrated Circuites						
SECOND SEMESTER						
BIOM 2331 Biomedical Clinical Instrumentation						
BIOM 2489 Internship-Biomedical Engineering-Related Technology/Technician						
POFM 1313 Medical Terminology I						
PHYS 1402 College Physics II OR						
CHEM 1413 College Chemistry I						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

ELECTRONIC ENGINEERING TECHNOLOGY -AAS - COMPUTER NETWORKING SPECIALIZATION

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2302 Applied Psychology OR						
PSYC 2301 Introduction to Psychology						
CETT 1403 DC Circuits						
CETT 1425 Digital Fundamentals						
SECOND SEMESTER						
MATH 1316 Plane Trigonometry						
CETT 1405 AC Circuits						
CETT 1429 Solid State Devices						
CPMT 1303 Introduction to Computer Technology						
THIRD SEMESTER						
MATH 1325 Elements of Calculus						
PHYS 1401 College Physics I						
SECOND YEAR						
FIRST SEMESTER						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
CETT 1331 Technical Programming						
XXXX #4## Program-Related Elective						
CPMT 1449 Computer Networking Technology						
XXXX #3## Approved Humanities/Fine Arts Gen. Ed. Elective						
SECOND SEMESTER						
PHYS 1402 College Physics II OR						
CHEM 1413 College Chemistry I						
CPMT 1411 Introduction to Computer Maintenance						
CPMT 2449 Advanced Computer Networking Technology						
XXXX #3## Program-Related Elective						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

ELECTRONIC ENGINEERING TECHNOLOGY -AAS - COMPUTER ENGINEERING TECHNOLOGY SPECIALIZATION

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2302 Applied Psychology OR						
PSYC 2301 Introduction to Psychology						
CETT 1403 DC Circuits						
CETT 1425 Digital Fundamentals						
SECOND SEMESTER						
MATH 1316 Plane Trigonometry						
CETT 1405 AC Circuits						
CETT 1429 Solid State Devices						
CPMT 1403 Introduction to Computer Technology						
THIRD SEMESTER						
MATH 1325 Elements of Calculus						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
SECOND YEAR						
FIRST SEMESTER						
CETT 1331 Technical Programming						
PHYS 1401 College Physics I						
CETT 1457 Linear Integrated Circuits						
CETT 1445 Microprocessor						
XXXX #3## Approved Humanities/Fine Arts Gen. Ed. Elective						
SECOND SEMESTER						
PHYS 1402 College Physics II OR						
CHEM 1413 College Chemistry I						
CETT 2435 Advanced Microprocessor						
CPMT 1411 Introduction to Computer Maintenance						
XXXX #3## Program-Related Elective						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

ELECTRONIC ENGINEERING TECHNOLOGY -AAS - CISCO ROUTER TECHNOLOGY SPECIALIZATION

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2302 Applied Psychology OR						
PSYC 2301 Introduction to Psychology						
CETT 1403 DC Circuits						
CETT 1425 Digital Fundamentals						
SECOND SEMESTER						
MATH 1316 Plane Trigonometry						
CETT 1405 AC Circuits						
CPMT 1411 Introduction to Computer Maintenance						
CPMT 1403 Introduction to Computer Technology						
THIRD SEMESTER						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
CETT 1429 Solid State Devices						
SECOND YEAR						
FIRST SEMESTER						
PHYS 1401 College Physics I						
ITCC 1406 CCNA2: Router and Routing Basics						
CPMT 2449 Advanced Computer Networking Technology						
ITCC 1402 CCNA 1: Networking Basics						
SECOND SEMESTER						
ITCC 1442 CCNA 3: Switching Basics and Intermediate Routing						
ITCC 1446 CCNA 4: WAN Technologies						
XXXX #3## Approved Humanities/Fine Arts Gen. Ed. Elective						
XXXX #3## Program-Related Elective OR						
ITCC 2432 CCNA 5: Advanced Routing						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

ELECTRONIC ENGINEERING TECHNOLOGY - AAS - WIRELESS TELECOMMUNICATIONS SPECIALIZATION

HCCS Course Requirement	Transfer/Substitution		Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
	Institution	Course				
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2302 Applied Psychology OR						
PSYC 2301 Introduction to Psychology						
CETT 1403 DC Circuits						
CETT 1425 Digital Fundamentals						
SECOND SEMESTER						
MATH 1316 Plane Trigonometry						
CETT 1405 AC Circuits						
CETT 1429 Solid State Devices						
CPMT 1449 Computer Networking Technology OR						
ITCC 1402 CCNA 1: Networking Basics						
THIRD SEMESTER						
CPMT 1303 Introduction to Computer Technology						
PHYS 1401 College Physics I						
SECOND YEAR						
FIRST SEMESTER						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
CETT 1331 Technical Programming						
CETT 1457 Linear Integrated Circuits						
ITSY 1417 Wireless Foundations						
SECOND SEMESTER						
EECT 2439 Communications Circuits						
XXXX #3## Approved Humanities/Fine Arts Gen. Ed. Elective						
ITSY 1427 Telecommunications Media: Physical Layer Implementation OR						
EECT 1440 Telecommunications Transmission Media						
ITSY 2417 Wireless Security Development						

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___ VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

HORTICULTURE - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
HALT 1301 Principles of Horticulture						
HALT 1211 Shrubs, Vines, and Groundcovers						
HALT 1309 Interior Plants						
FMKT 1301 Floral Design						
AGRI 1309 Computers in Agriculture OR						
XXXX #3## Computer Applications Elective*						
SECOND SEMESTER						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
HALT 1307 Plant Diseases						
HALT 1333 Landscape Irrigation						
HALT 2314 Plant Propagation						
HALT 2318 Soil Fertility and Fertilizers						
THIRD SEMESTER						
XXXX #3## Social Science General Education Elective						
CHEM 1305 Introductory Chemistry I OR						
CHEM1405 Intro to Chemistry for Non-Science Majors						
SECOND YEAR						
FIRST SEMESTER						
HALT 1322 Landscape Design						
HALT 2308 Greenhouse Management						
HALT 1319 Landscape Construction						
HALT 2320 Nursery Production and Management						
(Continued on page 2)						

*The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, or COSC 1401 Microcomputer Applications.

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

HORTICULTURE - CERTIFICATE - LANDSCAPE HORTICULTURE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST SEMESTER						
HALT 1301 Principles of Horticulture						
HALT 1211 Shrubs, Vines, and Groundcovers						
AGRI 1309 Computers in Agriculture OR						
XXXX #3## Computer Applications Elective*						
CHEM1305 Introductory Chemistry I OR						
CHEM1405 Introductory Chemistry for Non-Science Majors						
HALT 2318 Soil Fertility and Fertilizers						
SECOND SEMESTER						
HALT 1307 Plant Diseases						
HALT 2314 Plant Propagation						
HALT 1309 Interior Plants						
BMGT 1301 Supervision						
THIRD SEMESTER						
HALT 1382 Cooperative Education						
HALT 1319 Landscape Construction						
HALT 1322 Landscape Design						
HALT 1333 Landscape Irrigation						

*The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, or COSC 1401 Microcomputer Applications.

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

HORTICULTURE - AAS - GOLF COURSE OPERATIONS/GROUNDS MANAGEMENT

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
HALT 1301 Principles of Horticulture						
XXXX#3## Computer Applications Elective*						
ENGL 1301 Composition I						
HALT 1396 Special Topics in Nursery Operations and Management						
HALT 1170 First Aid/CPR						
HALT 1324 Turfgrass Science and Management						
SECOND SEMESTER						
HALT 1370 Golf Course Irrigation						
MATH 1332 Mathematics for Liberal Arts						
XXXX#3## Humanities/Fine Arts Elective						
HALT 2318 Soil Fertility and Fertilizers						
HALT 1372 Golf Course Grounds Equipment and Shop Operations						
HALT 1382 Cooperative Educaton-Turf and Turfgrass Management						
SECOND YEAR						
FIRST SEMESTER						
XXXX#3## Social/Behavioral Science Elective						
HALT 1373 Golf Course Design and Construction						
HALT 1345 Golf/Sports Field/Park Management						
HALT 1374 Golf Course Trees and Shrubs						
SECOND SEMESTER						
BIOL 1411 General Botany OR						
CHEM 1405 Introductory Chemistry I						
XXXX#3## Humanities/Fine Arts Elective						
HALT 1320 Horticultural Calculations						
HALT 2323 Horticultural Pest Control						
(Continued on page 2)						

*The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, COSC 1401 Microcomputer Application, or HALT 1322

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

HORTICULTURE - AAS - GOLF COURSE OPERATIONS/GROUNDS MANAGEMENT

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
THIRD SEMESTER						
SPAN 1300		Beginning Spanish Conversation I				
HALT 1398		Special Topics in Horticulture Services Operations and Management, Other				

*The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, COSC 1401 Microcomputer Application, or HALT 1322

HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

__ FA __VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

HORTICULTURE - CERTIFICATE - GOLF COURSE TECHNICIAN

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
HALT 1301 Principles of Horticulture						
XXXX#3## Computer Applications Elective*						
HALT 1396 Special Topics in Nursery Operations and Management						
HALT 1170 First Aid/CPR						
HALT 1327 Horticultural Equipment Management						
HALT 1324 Turfgrass Science and Management						
SECOND SEMESTER						
HALT 1370 Golf Course Irrigation						
MATH 1332 Mathematics for Liberal Arts						
XXXX#3## Humanities/Fine Arts Elective						
HALT 2318 Soil Fertility and Fertilizers						
HALT 1372 Golf Course Grounds Equipment and Shop Operations						
THIRD SEMESTER						
HALT 1382 Cooperative Education-Turf and Turfgrass Management						

*The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, COSC 1401 Microcomputer Application, or HALT 1322

HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

____ FA ____VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

HORTICULTURE - CERTIFICATE - NURSERY AND FLORAL PRODUCTION

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST SEMESTER						
HALT 1301 Principles of Horticulture						
HALT 1211 Shrubs, Vines, and Groundcovers						
AGRI 1309 Computers in Agriculture OR						
XXXX#3## Computer Applications Elective*						
HALT 1320 Horticulture Calculations						
HALT 2318 Soil Fertility and Fertilizers						
SECOND SEMESTER						
HALT 1307 Plant Diseases						
HALT 2314 Plant Propagation						
BMGT 1301 Supervision						
FMKT 1301 Floral Design						
THIRD SEMESTER						
HALT 2308 Greenhouse Management						
HALT 2320 Nursery Production and Management						
XXXX #3## Department Approved Elective **						
HALT 1382 Cooperative Education						

*The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, or COSC 1401 Microcomputer Applications.

** Department Approved electives may be chosen from HALT, AGRI or FORE courses.

HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

HORTICULTURE - MARKETABLE SKILLS ACHIEVEMENT AWARD - GULF COAST GARDENER

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
(Marketable Skills Achievement)						
FIRST SEMESTER						
HALT #3## Elective*						
HALT 1301 Principles of Horticulture						
HALT 1211 Shrubs, Vines, and Groundcovers						
HALT 1307 Plant Diseases						
HALT #3## Elective*						

*Choose from the following electives: HALT 1309, Interior Plants; HALT 1309, Interior Plants; HALT 1319, Landscape Construction; HALT 2308, Greenhouse Management; HALT 2320, Nursery Production and Management; FMKT 1301, Floral Design

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 06-07

PROCESS TECHNOLOGY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment						
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
MATH1314 College Algebra						
SOCI 1301 Introduction to Sociology						
PTAC 1302 Introduction to Process Technology						
PTAC 1308 Safety, Health and Environment I						
SECOND SEMESTER						
XXXX #3## Computer Applications Elective*						
SCIT 1418 Applied Physics **						
SCIT 1414 Applied General Chemistry I						
PTAC 1410 Process Technology I - Equipment						
PTAC 1332 Process Instrumentation I						
SECOND YEAR						
FIRST SEMESTER						
SPCH 1311 Fundamentals of Speech						
PTAC 2314 Quality						
PTAC 2420 Process Technology II - Systems						
PTAC 1354 Industrial Processes						
BMGT 1301 Supervision						
SECOND SEMESTER						
PTAC 2438 Process Technology III - Operations						
PTAC 2446 Process Troubleshooting						
HRPO 2301 Human Resource Management						
XXXX #3## Approved Humanities/Fine Arts						
Gen. Ed. Elective						

*The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, BCIS 1405 Business Applications Business Computer Applications, or COSC 1401 Microcomputer Applications.

** PHYS 1401 may be substituted

