



AGRICULTURE, FOOD AND NATURAL RESOURCES PROGRAMS - CATALOG YEAR 2014 - 2015

Find the Right Educational Degree Plan

There are two distinctly different ways to pursue your education at HCC. Each pattern has its own particular purpose, and its own advantages and disadvantages. Read the descriptions carefully to make an informed choice. You must choose one of the two following patterns: The *Academic Transfer* pattern of education **OR** The *Workforce Career* pattern of education. For more information, visit our [College and Career Planner Guide](#).

HORTICULTURE TECHNOLOGY

Horticulture Technology- AAS	2
Horticulture Entrepreneur Specialization - Certificate: Level I	4
Landscape Horticulture - Certificate: Level I	5
Master of Floriculture - Certificate: Level I	6
Nursery and Floral Production - Certificate: Level I	7
Gulf Coast Gardener - Marketable Skills Achievement Award	8

VETERINARY PARAMEDIC

Veterinary Paramedic-Certificate: Level I	9
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Updated:
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**HOUSTON COMMUNITY COLLEGE SYSTEM
 EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

NAME:	SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

HORTICULTURE - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
TSI testing is required prior to first enrollment.									
FIRST YEAR									
FIRST SEMESTER									
LEAD 1200 Workforce Development with Critical Thinking	2								
HALT 1301 Principles of Horticulture	3								
ENGL 1301 Composition I	3								
HALT 1211 Shrubs, Vines, and Groundcovers	2								
HALT 1309 Interior Plants	3								
SEMESTER TOTAL	13								
SECOND SEMESTER									
SPAN 1300 Beginning Spanish Conversation I	3								
HALT 1307 Plant Diseases	3								
HALT 1333 Landscape Irrigation 3									
FMKT 1301 Floral Design	3								
AGRI 1309 Computers in Agriculture	3								
SEMESTER TOTAL	15								
THIRD SEMESTER									
XXXX #3## Social/BehavioralScience General Ed. Elective	3								
HALT 2314 Plant Propagation 3									
HALT 2318 Soil Fertility and Fertilizers	3								
CHEM 1305 Introductory Chemistry I <u>OR</u>									
CHEM 1405 Intro to Chemistry for Non-Science Majors	3/4								
SEMESTER TOTAL	13								
SECOND YEAR									
FIRST SEMESTER									
HALT 1322 Landscape Design	3								
HALT 2308 Greenhouse Management	3								

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HORTICULTURE - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
HALT 1319 Landscape Construction	3								
HALT 2312 Turfgrass Maintenance Management	3								
HALT 2320 Nursery Production and Management	3								
SEMESTER TOTAL	15								
SECOND SEMESTER									
HALT 1351 Landscape Business Operations	3								
HALT 2331 Advanced Landscape Design	3								
HALT 2307 Horticulture Food Crops OR									
HALT 1370 Introduction to Aquaponics	3								
XXXX #3## Humanities/Fine Arts/General Ed Elective	3								
HALT 1382 Cooperative Education 3									
SEMESTER TOTAL	15								
PROGRAM TOTAL	70								

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HORTICULTURE - HORTICULTURE ENTREPRENEUR SPECIALIZATION - CERTIFICATE: LEVEL II

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
	hr	Institution	Course	Transfer (TR)	Comment/Disapproval			Signature	
TSI testing is required prior to first enrollment.									
FIRST YEAR									
FIRST SEMESTER									
LEAD 1200 Workforce Development with Critical Thinking	2								
HALT 1301 Principles of Horticulture	3								
HALT 1211 Shrubs, Vines, and Groundcovers	2								
HALT 2308 Greenhouse Management	3								
CHEM 1305 Introductory Chemistry I OR									
CHEM 1405 Introductory Chemistry for Non-Science Majors	4								
SEMESTER TOTAL	14								
SECOND SEMESTER									
HALT 1307 Plant Diseases	3								
HALT 1309 Interior Plants	3								
HALT 2314 Plant Propagation	3								
HALT 2318 Soil Fertility and Fertilizers	3								
SEMESTER TOTAL	12								
THIRD SEMESTER									
HALT 1319 Landscape Construction	3								
HALT 1322 Landscape Design	3								
HALT 1333 Landscape Irrigation	3								
HALT 1380 Cooperative Education	3								
SEMESTER TOTAL	12								
SECOND YEAR									
FIRST SEMESTER									
BUSG 1373 Entrepreneurship and Economic Development	3								
BUSG 2309 Small Business Management/Entrepreneurship	3								
MRKG 1311 Principles of Marketing OR									
ACNT 1303 Introduction to Accounting I OR									
ACNT 2301 Principle of Accounting I	3								
HALT 2331 Advanced Landscape Design	3								
SEMESTER TOTAL	12								
PROGRAM TOTAL	50								

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HORTICULTURE - LANDSCAPE HORTICULTURE - CERTIFICATE:LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST SEMESTER									
LEAD 1200 Workforce Development with Critical Thinking	2								
HALT 1301 Principles of Horticulture	3								
HALT 1211 Shrubs, Vines, and Groundcovers	2								
AGRI 1309 Computers in Agriculture	3								
CHEM 1305 Introductory Chemistry I OR									
CHEM 1405 Introductory Chemistry for Non-Science Majors	4								
SEMESTER TOTAL	14								
SECOND SEMESTER									
HALT 1307 Plant Diseases	3								
HALT 2314 Plant Propagation	3								
HALT 2318 Soil Fertility and Fertilizers	3								
HALT 1309 Interior Plants	3								
HALT 1322 Landscape Design	3								
SEMESTER TOTAL	15								
THIRD SEMESTER									
HALT 1319 Landscape Construction	3								
HALT 1333 Landscape Irrigation	3								
HALT 1382 Cooperative Education	3								
HALT 2331 Advanced Landscape Design	3								
SEMESTER TOTAL	12								
PROGRAM TOTAL	41								

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HORTICULTURE - MASTER OF FLORICULTURE - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST SEMESTER									
LEAD 1200 Workforce Development with Critical Thinking	2								
HALT 1301 Principles of Horticulture	3								
FMKT 1301 Floral Design	3								
SEMESTER TOTAL	8								
SECOND SEMESTER									
HALT 1309 Interior Plants	3								
FMKT 2331 Advanced Floral Design	3								
SEMESTER TOTAL	6								
THIRD SEMESTER									
FMKT 2335 Flower Shop Management	3								
HALT 1381 Cooperative Education-Applied Horticulture/ Horticultural Operations	3								
SEMESTER TOTAL	6								
PROGRAM TOTAL	20								

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HORTICULTURE - NURSERY AND FLORAL PRODUCTION - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
FIRST SEMESTER									
LEAD 1200 Workforce Development with Critical Thinking	2								
HALT 1301 Principles of Horticulture	3								
HALT 1211 Shrubs, Vines, and Groundcovers	2								
AGRI 1309 Computers in Agriculture	3								
HALT 2318 Soil Fertility and Fertilizers	3								
SEMESTER TOTAL	13								
SECOND SEMESTER									
HALT 1307 Plant Diseases	3								
HALT 2314 Plant Propagation	3								
FMKT 1301 Floral Design	3								
FMKT 2335 Flower Shop Management	3								
SEMESTER TOTAL	12								
THIRD SEMESTER									
HALT 2308 Greenhouse Management	3								
HALT 2320 Nursery Production and Management	3								
FMKT 2331 Advanced Floral Design	3								
HALT 1380 Cooperative Education	3								
SEMESTER TOTAL	12								
PROGRAM TOTAL	37								

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HORTICULTURE - GULF COAST GARDENER - MARKETABLE SKILLS ACHIEVEMENT AWARD

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
FIRST SEMESTER									
HALT 1301 Principles of Horticulture	3								
HALT #3## Elective*	3								
HALT 1211 Shrubs, Vines, and Groundcovers	2								
HALT 1307 Plant Diseases	3								
HALT #3## Elective*	3								
SEMESTER TOTAL	14								
PROGRAM TOTAL	14								
<i>A student can only earn <u>one</u> MSA per academic year.</i>									
*Choose from the following electives: HALT 1309 , Interior Plants; HALT 1319 , Landscape Construction; HALT 2308 , Greenhouse Management; HALT 2320 , Nursery Production and Management; FMKT 1301 , Floral Design; <u>OR</u> FMKT 2331 , Advanced Floral Design									

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VETERINARY PARAMEDIC - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
					<i>This award is deactivated as of September 1, 2013.</i>				
					<i>New students will not be admitted into the program. The program is currently in teach-out status.</i>				
FIRST SEMESTER									
LEAD 1200 Workforce Development with Critical Thinking	2								
VTHT 1413 Veterinary Anatomy and Physiology	4								
VTHT 1233 Small Zoo and Wild Mammals	2								
VTHT 2323 Veterinary Clinical Pathology I	3								
VTHT 1371 Shelter Management	3								
VTHT 1166 Practicum	1								
SEMESTER TOTAL	15								
SECOND SEMESTER									
VTHT 2331 Veterinary Clinical Pathology II	3								
VTHT 1229 Large Zoo and Wild Mammals	2								
VTHT 1349 Veterinary Pharmacology	3								
VTHT 2201 Canine and Feline Clinical Management	2								
VTHT 2205 Equine Clinical Management	2								
SEMESTER TOTAL	12								
THIRD SEMESTER									
VTHT 1105 Veterinary Medical Terminology	1								
VTHT 1345 Veterinary Radiology	3								
VTHT 1370 Avian & Reptile Management	3								
VTHT 1341 Anesthesia and Surgical Assistance	3								
SEMESTER TOTAL	10								
PROGRAM TOTAL	37								