



**AGRICULTURE, FOOD AND NATURAL RESOURCES PROGRAMS - CATALOG YEAR 2015 - 2016**

**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](#).

**ACADEMIC DEGREE PLANS**

Agriculture Sciences -Associate of Science (**Pending Approval**) . . . . . 2-3

**WORKFORCE CAREERS**

**HORTICULTURE TECHNOLOGY**

Horticulture Technology- AAS . . . . . 4-5

Horticulture Entrepreneur Specialization - Certificate: Level I . . . . . 6

Landscape Horticulture - Certificate: Level I . . . . . 7

Master of Floriculture - Certificate: Level I . . . . . 8

Nursery and Floral Production - Certificate: Level I . . . . . 9

Gulf Coast Gardener - Marketable Skills Achievement Award . . . . . .10

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

\_\_\_ FA \_\_\_ VA

<b>NAME:</b>	<b>SID#:</b>	<b>TEL#:</b>	<b>EMAIL:</b>	<b>DATE:</b>
<b>COLLEGE:</b>	<b>COU/ADV:</b>	<b>TEL#:</b>	<b>EMAIL:</b>	<b>CAT YR: 8/15/15-8/14/16</b>

**AGRICULTURE SCIENCES - ASSOCIATE OF SCIENCE**

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.					<b>THIS PROGRAM IS CURRENTLY IN THE APPROVAL PROCESS AND IS NOT YET ACTIVE.</b>				
<b>TRANSFER ADVISING PLAN</b>									
<b>REQUIRED ACADEMIC CORE</b>									
<b>FIRST YEAR</b>									
<b>FIRST SEMESTER</b>									
EDUC 1300 Learning Framework	3								
ENGL 1301 Composition I	3								
A. HIST #3## US History	3								
MATH 1314 College Algebra	3								
AGRI 1319 General Animal Science	3								
<b>SEMESTER TOTAL</b>	<b>15</b>								
<b>SECOND SEMESTER</b>									
ENGL 1302 Composition II <u>OR</u>									
ENGL 2311 Technical Writing	3								
A. HIST #3## US History	3								
B. XXXX #3## Social/Behavioral Science Elective	3								
BIOL 1413 General Zoology <u>OR</u>									
BIOL 1411 General Botany	4								
MATH 1324 Finite Math <u>OR</u>									
MATH 1342 Statistics	3								
<b>SEMESTER TOTAL</b>	<b>16</b>								
<b>SECOND YEAR</b>									
<b>FIRST SEMESTER</b>									
C. XXXX #3## Language, Philosophy & Culture Elective	3								
GOVT 2305 American Government I	3								
E. AGRI #3## Department Approved Elective	3								
CHEM 1411 General Chemistry I	4								
AGRI 1131 The Agricultural Industry	1								
<b>SEMESTER TOTAL</b>	<b>14</b>								

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<b>(Continued on next page)</b>									
<b>SECOND YEAR</b>									
<b>SECOND SEMESTER</b>									
GOVT 2306 American Government II	3								
D. XXXX #3## Creative Arts	3								
E. AGRI #3## Department Approved Elective	3								
E. AGRI #3## Department Approved Elective	3								
E. AGRI #3## Department Approved Elective	3								
<b>SEMESTER TOTAL</b>	<b>15</b>								
<b>PROGRAM TOTAL</b>	<b>60</b>								

**ADDITIONAL COMMENTS & NOTES:**

- A. American History: **(6 hours)** HIST 1301, 1302, 2301,2328, or 2381
- B. Social and Behavioral Science: **(3 hours)** ANTH 2346, 2351, ECON 2301, 2302, GEOG 1302 ,1303, PSYC 2301, SOCI 1301, 1306, 2336
- C. Language, Philosophy and Culture: **(3 hours)** ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, 2351 HIST 2311,2312 HUMA 2319 PHIL 1301, 1304, 2306, 2307, 2316, 2317
- D. Creative Arts: **(3 hours)** ARTS 1301, ARTS 1303, 1304 DANC 2303 DRAM 1310, 2361,2366 ENGL 2307, 2308 HUMA 1301 MUSI 1301, 1306, 1310
- E. Department Approved Electives: AGRI 1307, 1309, 1311, 1325, 1327, 1329, 2301, 2303, 2313, 2317, 2321, 2330

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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				
TSI testing is required prior to first enrollment.									
<b>FIRST YEAR</b>									
<b>FIRST SEMESTER</b>									
LEAD 1370 Workforce Leadership and Critical Thinking Skills for Student Success	3								
AGRI 1315 Horticulture	3								
ENGL 1301 Composition I	3								
HALT 1309 Interior Plants	3								
AGRI 1309 Computers in Agriculture	3								
<b>SEMESTER TOTAL</b>	<b>15</b>								
<b>SECOND SEMESTER</b>									
SPAN 1300 Beginning Spanish Conversation I	3								
XXXX #3## Social/BehavioralScience Elective	3								
XXXX #3## Math/Science General Education Elective	3								
HALT 1492 Special Topics in Horticultural Science	4								
HALT 1322 Landscape Design	3								
<b>SEMESTER TOTAL</b>	<b>16</b>								
<b>SECOND YEAR</b>									
<b>FIRST SEMESTER</b>									
HALT 2323 Horticultural Pest Control	3								
HALT 2415 Landscape Management	4								
HALT 2312 Turfgrass Maintenance	3								
XXXX #3## Humanitie/Fine Arts Elective	3								
HALT 2318 Soil Fertility and Fertilizers	3								
<b>SEMESTER TOTAL</b>	<b>16</b>								
<b>(Continued on Page 2)</b>									



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COLLEGE:		COU/ADV:		TEL#:		EMAIL:		CAT YR: 8/15/15-8/14/16		
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.										
<b>FIRST YEAR</b>										
<b>FIRST SEMESTER</b>										
LEAD 1370	Workforce Leadership and Critical Thinking									
	Skills for Student Success	3								
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								
<b>SEMESTER TOTAL</b>		<b>15</b>								
<b>SECOND SEMESTER</b>										
HALT 1307	Plant Diseases	3								
HALT 1309	Interior Plants	3								
HALT 2314	Plant Propagation	3								
HALT 2318	Soil Fertility and Fertilizers	3								
<b>SEMESTER TOTAL</b>		<b>12</b>								
<b>THIRD SEMESTER</b>										
HALT 1319	Landscape Construction	3								
HALT 1322	Landscape Design	3								
HALT 1333	Landscape Irrigation	3								
HALT 1380	Cooperative Education	3								
<b>SEMESTER TOTAL</b>		<b>12</b>								
<b>SECOND YEAR</b>										
<b>FIRST SEMESTER</b>										
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								
<b>SEMESTER TOTAL</b>		<b>12</b>								
<b>PROGRAM TOTAL</b>		<b>51</b>								







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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
					Comment/Disapproval				
<b>FIRST SEMESTER</b>									
LEAD 1370 Workforce Leadership and Critical Thinking Skills for Student Success	3								
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								
<b>SEMESTER TOTAL</b>	<b>14</b>								
<b>SECOND SEMESTER</b>									
HALT 1307 Plant Diseases	3								
HALT 2314 Plant Propagation	3								
FMKT 1301 Floral Design	3								
FMKT 2335 Flower Shop Management	3								
<b>SEMESTER TOTAL</b>	<b>12</b>								
<b>THIRD SEMESTER</b>									
HALT 2308 Greenhouse Management	3								
HALT 2320 Nursery Production and Management	3								
FMKT 2331 Advanced Floral Design	3								
HALT 1380 Cooperative Education	3								
<b>SEMESTER TOTAL</b>	<b>12</b>								
<b>PROGRAM TOTAL</b>	<b>38</b>								

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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
					Comment/Disapproval				
<b>FIRST SEMESTER</b>									
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								
<b>SEMESTER TOTAL</b>	<b>14</b>								
<b>PROGRAM TOTAL</b>	<b>14</b>								
<i>A student can only earn <u>one</u> MSA per academic year.</i>									
*Choose from the following electives: <b>HALT 1309</b> , Interior Plants; <b>HALT 1319</b> , Landscape Construction; <b>HALT 2308</b> , Greenhouse Management; <b>HALT 2320</b> , Nursery Production and Management; <b>FMKT 1301</b> , Floral Design; <b>OR FMKT 2331</b> , Advanced Floral Design									