

# HILLSBOROUGH COMMUNITY COLLEGE

## ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN ARTS GUIDE ♦ 2011/2012 (EMPHASIS IN COMPUTER SCIENCE ENGINEERING - AA.COMP)

An Associate in Arts is awarded upon completion of 60 college-level credits with no fewer than 36 credits of specified general education requirements, a minimum of 24 credits of university transferable electives, and a minimum 2.00 GPA. At least 15 credit hours applicable to the degree must be earned in residence at HCC.

### IF APPLICABLE:

#### Placement Test Scores:

ACT \_\_\_\_\_ SAT \_\_\_\_\_ CPT \_\_\_\_\_  
Eng. \_\_\_\_\_ Writer Placer \_\_\_\_\_ Read. \_\_\_\_\_ Math \_\_\_\_\_

**If applicable, additional courses may be required based on placement test scores:**

### ENGLISH/READING PREP COURSES (0-16 HOURS)

*ENC	0015	Prep Writing I (non college credit)	4
*ENC	0025	Prep Writing II (non college credit)	4
*REA	0007	Prep Reading I (non college credit)	4
*REA	0017	Prep Reading II (non college credit)	4

### MATH PREP COURSES (0-8 HOURS)

*MAT	0018	Pre Algebra (non college credit)	4
*MAT	0028	Beg. Algebra (non college credit)	4

### MATH ELECTIVE COURSES (0-3 HOURS)

*MAT	1033	Inter. Algebra (elective credit ONLY)	3
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**Students who earn below college level on one section of the CPT must take one of the following courses:**

SLS	1101	Orientation (elective credit)	1
SLS	1501	College Success (elective credit)	3
REA	1605	College Study Skills (elective credit)	2

**Students who earn below college level on two or more sections of the CPT must take:**

SLS	1501	College Success (elective credit)	3
<b>and either</b>			
REA	1605	College Study Skills (elective credit)	2
SLS	1101	Orientation (elective credit)	1

**G** = A grade of "C" or higher is required to satisfy the Gordon Rule requirement.

\* = A pre-requisite and/or co-requisite required. See course descriptions in the HCC catalog: [www.hccfl.edu](http://www.hccfl.edu).

### Student Notes:

### GROUP I COMMUNICATIONS (9 HOURS) \*G

ENC	1101	English Composition I	3
ENC	1102	English Composition II	3
SPC	1608	Public Speaking	3

### GROUP II HUMANITIES (6 HOURS) \*G

AML	2010	American Literature to 1885	3
AML	2020	American Lit. 1885 to Pres.	3
AML	2600	African-American Literature	3
ARH	1000	Understanding Visual Art	3
DAN	2100	Intro to Dance	3
ENL	2012	British Literature to 1800	3
ENL	2022	British Literature 1800 to Present	3
HUM	2210	World Hum: Prehist/Early Mod	3
HUM	2230	World Hum: Early Mod/Cont.	3
HUM	2410	Asian Humanities	3
HUM	2420	African Humanities	3
HUM	2461	Latin American Humanities	3
LIT	2110	World Literature to 1650	3
LIT	2120	World Literature 1650 to Present	3
MUL	1010	Introduction to Music	3
PHI	1010	Introduction to Philosophy	3
PHI	1100	Elementary Logic	3
PHI	1600	Ethics	3
REL	2300	Introduction to Religion	3
THE	1000	Introduction to Theater Arts	3

### GROUP III MATHEMATICS (6 HOURS) \*G

MAC	1105	College Algebra	3
MAC	1147	Pre-calculus Algebra & Trig. <b>OR</b>	5
MAC	1140	Pre-calculus Algebra <b>AND</b>	3
MAC	1114	Trigonometry	3

*or 6 credit hours of higher level mathematics*

### GROUP IV SOCIAL SCIENCE (9 HOURS) \*G

Select ONE course from each of the three areas in this group.

**NOTE:** One course cannot be used to satisfy two areas.

#### (1) BEHAVIORAL SCIENCE (SELECT 3 HOURS)

ANT	2000	Introduction to Anthropology	3
PSY	2012	General Psychology	3
SYG	2000	Introduction to Sociology	3

#### (2) HISTORY (SELECT 3 HOURS)

AMH	1010	Early American History	3
AMH	1020	Modern American History	3
EUH	1000	Western Wld: Early Mod Europe	3
EUH	1001	Western World: Mod Europe	3
POS	2041	American Government	3

#### (3) BEHAVIORAL SCIENCE, HISTORY, POLITICAL SCIENCE (3 HOURS)

AMH	1010	Early American History	3
AMH	1020	Modern American History	3
ANT	2000	Introduction to Anthropology	3
EUH	1000	Western Wld: Early Mod Europe	3
EUH	1001	Western World: Modern Europe	3
POS	1001	Introduction to Political Science	3
POS	2041	American Government	3
PSY	2012	General Psychology	3
SYG	2000	Introduction to Sociology	3

**GROUP V NATURAL SCIENCE (6-8 HOURS)**

The General Education Science requirement must be met through one of three options:

**Option 1:** Student selects at least one course in biological science and one course in physical science. Selection must include at least one lecture course with a co-requisite lab. **7 credit hours**

**Option 2:** Student selects a biological science course with its co-requisite lab and a physical science course with its co-requisite lab. **8 credit hours**

**Option 3:** Student selects a two-part integrated natural science course sequence, which cover biological and physical science objectives.

**Due to the integrated approach that this course sequence employs, the student must successfully complete both courses for either of the courses to count toward general education science. If a student completes only one of the two courses, the course completed will only count as elective credit.**

**6 credit hours**

**BIOLOGICAL SCIENCE (3-4 HOURS)**

	G*BSC	1005C	Bio Found. I (non-sci major)	3
	G*BSC	1092C	Human Biology	3
	G*IDS	1152C	Environmental Science	3
	G*BSC	1010	Biological Science I <b>and</b>	3
	*BSC	1010L	Biological Science I Lab	1
	G*BSC	1025	Nutrition and Drugs AND	3
	*BSC	1025L	Nutrition and Drugs Lab	1
	G*BSC	1085	Human Anat & Phys I AND	3
	*BSC	1085L	Human Anat & Phys I Lab	1
	G*OCB	2000	Marine Biology AND	3
	OCB	2000L	Marine Biology Lab	1
	G*PCB	1730	Human Repro & Inher AND	3
	*PCB	1730L	Human Repro & Inher Lab	1

**PHYSICAL SCIENCE (3-4 HOURS)**

	G*AST	1002C	Astronomy	3
	G*CHM	1020C	Chemistry & Society	3
	G*MET	2010C	Meteorology	3
	G*CHM	1032	Chem for Health Sci AND	3
	G*CHM	1032L	Chem for Health Sci Lab	1
	*CHM	1045	Gen College Chem I AND	3
	G*CHM	1045L	Gen College Chem I Lab	1
	G*ESC	1000	Earth Science AND	3
	*ESC	1000L	Earth Science Lab	1
	G*GLY	1010	Physical Geology AND	3
	*GLY	1010L	Physical Geology Lab	1
	G*PHY	1053	Gen College Physics I AND	3
	*PHY	1053L	Gen College Physics I Lab	1
	G*PSC	1515	Energy and the Environ AND	3
	*PSC	1515L	Energy and Environ Lab	1

**INTEGRATED NATURAL SCIENCE (6 HOURS)**

	G*ISC	1004C	Integrated Natural Science I <b>AND</b>	3
	G*ISC	1005C	Integrated Nat Sci II	3

**GROUP VI ELECTIVES (24 HOURS)**

Community College students are encouraged to complete the AA degree prior to transferring to a university. Students are also encouraged to choose a specific major in order to take the appropriate courses at HCC for that intended major. Many university programs require the completion of specific courses prior to acceptance.

While not required to graduate from HCC, students must complete two years of foreign language in high school or 8-10 semester hours of college foreign language in order to graduate from a state university.

The following courses **may** be applied toward your degree at institution where you plan to transfer. It is the student's responsibility to contact the institution to ensure transferability.

Course				CR.
	*MAC	2311	Calculus & Analytical Geometry I	5
	*MAC	2312	Calculus & Analytical Geometry II	5
	*MAC	2313	Calculus & Analytical Geometry III	5
	*PHY	2048	General Physics With Calculus I	4
	*PHY	2048L	Gen. Physics With Calculus I Lab	1
	*PHY	2049	General Physics With Calculus II	4
	*PHY	2049L	Gen. Physics With Calculus II Lab	1

Use [www.facts.org](http://www.facts.org) or contact the specified college where you intend to transfer to determine the appropriate electives for your major.

		cr hr
FL A&M Univ.	<a href="http://www.famu.edu">www.famu.edu</a>	126
FL Atlantic Univ.	<a href="http://www.fau.edu">www.fau.edu</a>	128
FL Gulf Coast Univ.	<a href="http://www.fgcu.edu">www.fgcu.edu</a>	
FL International Univ.	<a href="http://www.fiu.edu">www.fiu.edu</a>	128
FL State Univ.	<a href="http://www.fsu.edu">www.fsu.edu</a>	128
Univ. of Central FL	<a href="http://www.ucf.edu">www.ucf.edu</a>	128
Univ. of FL	<a href="http://www.ufl.edu">www.ufl.edu</a>	126
Univ. of North FL	<a href="http://www.unf.edu">www.unf.edu</a>	
Univ. of South FL	<a href="http://www.usf.edu">www.usf.edu</a>	128
Univ. of West FL	<a href="http://www.uwf.edu">www.uwf.edu</a>	129
Univ. of Tampa	<a href="http://www.ut.edu">www.ut.edu</a>	
(private)		

**ADDITIONAL GRADUATION REQUIREMENTS (credit applied toward Group VI electives)****COMPUTER PROFICIENCY**

Computer proficiency must be demonstrated by successful completion of one of the following options:

\_\_\_\_\_ CGS 1000 (3 credits) Credits will be applied as elective.

\_\_\_\_\_ A passing score (70+) on the HCC Computer Proficiency Exam administered by the HCC Test Centers.

**CAPSTONE COURSE**

\_\_\_\_\_ IDS 2110 Connections (1 credit) - Prior to taking this course, students must complete 45 hours toward the degree including at least 24 hours of general education with a minimum of 'C'.