

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.LEN.FORNS.SCI – Forensic Police Scientist Track
PROGRAM NAME: Forensic Studies – Police Scientist Track

FACULTY CONTACT: Tyrone Powers
PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	HEA-150 or EMT-104			3	CJS-216			3
MAT-141 or MAT-151 or more advanced GER			3-4	COM-111 or COM-116			3	CJS-215			3	CJS-222	*		4
SOC-111		D	3	CJS-136			3	CJS-225			3	PHL-141			3
BIO-101			4	CJS-137			3	Computer Technology, Mathematics or Interdisciplinary Studies GER <i>See note 2</i>		D	3-4	PSY-111			3
CJS-111			3	CJS-250	*		4	CJS elective		D	3	CJS elective		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.

2. Students who have not otherwise demonstrated competence in computing and information technology should choose a computer technology general education course.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.LEN.FORNS.SCI – Forensic Scientist Track

PROGRAM NAME: Forensic Studies –Forensic Scientist Track

FACULTY CONTACT: Tyrone Powers

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

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ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	HEA-150 or EMT-104			3	CJS-216			3
MAT-141 or MAT-151 or more advanced GER			3-4	COM-111 or COM-116			3	CHE-213	*		4	CJS-222 <i>See note 2</i>	*		4
SOC-111		D	3	CJS-137			3	PHY-111 or PHY-211	*		4	PHY-112 or PHY-212	*		4
CJS-250 <i>See note 2</i>	*		4	BIO-101			4	Computer Technology, Mathematics or Interdisciplinary Studies GER <i>See note 4</i>		D	3-4	CHE-214	*		4
CHE-111 <i>See note 3</i>			4	CHE-112	*		4								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. CJS-111 is a prerequisite for CJS-222 and CJS-250. Students who chose Forensic Studies when they were admitted to the college and wish to register for these courses should consult the director of the Homeland Security and Criminal Justice Institute before registering.
3. CHE-111 requires eligibility for MAT-151 or completion of MAT-141 with a grade of C or higher.
4. Students who have not otherwise demonstrated competence in computing and information technology should choose a computer technology general education course.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

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(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

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COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.ACH.ARCH

FACULTY CONTACT: Michael Ryan

PROGRAM NAME: Architecture and Interior Design – Architecture Option

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

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COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	ACH-211	*		3	ACH-212	*		4
ACH-111	*		4	ACH-112	*		3	ACH-231			3	ACH-230	*		3
ACH-121	*		4	ACH-122	*		3	ACH-240	*		3	PHY-111	*		4
ACH-221			3	ACH-222			3	ACH-242	*		3	CAD elective <i>See note 2</i>	*		3-4
MAT-121 or MAT-151 or MAT-191			4	CSI-112 or CSI-113	*		4	ACH-245	*		3	SOC-111		D	3
				Health/Fitness/Wellness GER			3								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Choose from ACH-255, ACH-265, ACH-270, ACH-271, ART-154, ENT-242 and ENT-243. Students may substitute an additional mathematics course for one of the ACH, ART or ENT computer-aided electives if required by the transfer institution. Students should check the mathematics requirement of their transfer institution before selecting a course.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

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COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.ACH.CSTN-MGMT

FACULTY CONTACT: Michael Ryan

PROGRAM NAME: Architecture and Interior Design – Construction Mgmt Option PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

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ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	ACH-219	*		3	ACH-218	*		4
ACH-111	*		4	ACH-122	*		3	ACH-242	*		3	ACH-230	*		3
ACH-121	*		4	ACH-216	*		3	ACH-245	*		3	CSI-116	*		3
BPA-142			3	CSI-112 or CSI-113	*		4	BPA-162	*		3	ECO-116		D	3
MAT-121 or MAT-151 or MAT-191	*		4	Health/Fitness/Wellness GER		D	3	BPA-253			3	PHY-111	*		4
								COM-111 or COM-116			3				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

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COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.ACH.INT-DSGN

FACULTY CONTACT: Michael Ryan

PROGRAM NAME: Architecture and Interior Design – Interior Design Option

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

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ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	ACH-201	*		3	ACH-203	*		4
ACH-100			1	ACH-105			3	ACH-202	*		3	ART-125			3
ACH-104			3	ACH-106	*		3	ACH-204	*		3	CAD elective <i>See note 2</i>	*		3
ACH-111	*		4	ACH-112	*		3	ACH-242	*		3	PHY-120	*		3
ACH-121	*		4	CSI-112 or CSI-113	*		4	ACH-245	*		3	SOC-111		D	3
Mathematics GER			3-4					Health/Fitness/Wellness GER			3				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Choose from ACH-255, ACH-265, ACH-270, ACH-271, ART-154, ENT-242 or ENT-243.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

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COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.CPS.CIS

PROGRAM NAME: Computer Science – Computer Information Systems Option

FACULTY CONTACT: Krysten Hall

PROGRAM SCHOOL: Science & Tech

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ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	CSI-163 <i>See note 4</i>			4	CSI-211	*		4
MAT-230 <i>See note 2</i>			3	CSI-117	*		4	MAT-233 or MAT-250 or MAT-135 <i>See note 5</i>			3	CSI-250	*		4
CSI-113 <i>See note 3</i>			4	Arts & Humanities GER (two disciplines required)		D	3	Biological & Physical Sciences GER (one lab required)			3-4	Biological & Physical Sciences GER (one lab required)			4
ECO-211			3	ECO-212	*		3	BPA-201	*		3	Arts & Humanities GER (two disciplines required)		D	3
Social & Behavioral Science GER (except ECO)		D	3	Health/Fitness/Wellness GER		D	3					BPA-202	*		3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students not eligible for MAT-230 may substitute MAT-141 and MAT-230 for the required math sequence.
3. Students with technical expertise beyond the level of this course should meet with the computer science coordinator.
4. Students who have completed CSI-161 and CSI-162 are not required to take CSI-163. CSI -161 and CSI-162 will not be offered after spring 2015.
5. See page 114 of 2013-2014 College Catalog for course recommendations.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

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COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.CPS.GAME

FACULTY CONTACT: Krysten Hall

PROGRAM NAME: Computer Science – Game and Simulation Programming Option

PROGRAM SCHOOL: Science & Tech

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ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	CSI-163 <i>See note 4</i>	*		4	CSI-230 or CSI-232	*		4
MAT-191 <i>See note 2</i>			4	MAT-192	*		4	MAT-202	*		4	CSI-250	*		4
CSI-113 <i>See note 3</i>			4	PHY-211 and PHY-211LB	*		4	PHY-212 and PHY-212LB	*		4	MAT-250	*		3
Social & Behavioral Science GER (two disciplines required)		D	3	CSI-117 <i>See note 3</i>	*		4	Arts & Humanities GER (except ART)		D	3	Social & Behavioral Science GER (two disciplines required)		D	3
ART-100			3									Health/Fitness/Wellness GER		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students not eligible for MAT-191 may substitute MAT-151 for the required math sequence.
3. Students with technical expertise beyond the level of this course should meet with the computer science coordinator.
4. Students who have completed CSI-161 and CSI-162 are not required to take CSI-163. CSI-161 and CSI-162 will not be offered after spring 2015.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

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COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.CPS.MIS

PROGRAM NAME: Computer Science – Management Information Systems Option

FACULTY CONTACT: Krysten Hall

PROGRAM SCHOOL: Science & Tech

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ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	CSI-211	*		4	BPA-202	*		3
CSI-113 <i>See note 2</i>			4	CSI-163 <i>See note 3</i>	*		4	BPA-201			3	PSY-111			3
CSI-117			4	COM-111 or COM-116			3	Health/Fitness/Wellness GER		D	3	Arts & Humanities GER (except COM) <i>See note 4</i>		D	3
MAT-141			4	MAT-135			3	Biological & Physical Science GER (one lab required)		D	3-4	Biological & Physical Science GER (one lab required)		D	4
ECO-211			3	ECO-212			3					BPA-232 or CSI elective <i>See note 4</i>			3-4

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students with technical expertise beyond the level of this course should meet with the computer science coordinator.
3. Students who have completed CSI-161 and CSI-162 are not required to take CSI-163. CSI-161 and CSI-162 will not be offered after spring 2015.
4. Students transferring to the University of Baltimore should complete BPA-232 and HIS or PHL for Arts & Humanities GER

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

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COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.CPS.SCI

PROGRAM NAME: Computer Science Transfer

FACULTY CONTACT: Krysten Hall

PROGRAM SCHOOL: Science & Tech

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ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	CSI-163 <i>See note 5</i>	*		4	CSI-250	*		4
MAT-191			4	MAT-192	*		4	MAT-202	*		4	CSI-255	*		4
CSI-113 <i>See note 2</i>			4	CSI-163 <i>See note 5</i>	*		4	Arts & Humanities GER		D	3	MAT-250	*		3
Social & Behavioral Science GER		D	3	Biological & Physical Science GER (lab required) <i>See note 4</i>		D	4	Biological & Physical Science GER (lab required) <i>See note 4</i>		D	4	Social & Behavioral Science GER		D	3
Arts & Humanities GER		D	3	CSI-117 <i>See note 2</i>			4					Health/Fitness/Wellness GER		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students with technical expertise beyond the level of this course should meet with the computer science coordinator.
3. Students admitted into the Honors Program may complete HON-163/CSI-163H and an elective. All others must complete CSI-161 and CSI-162.
4. UMBC requires two of the following science courses: BIO-101, CHE-111 or PHY-211 or one of the following course sequences: PHY-211-PHY-212, CHE-111-CHE-112 or BIO-101 and a BIO sequence course.
5. Students who have completed CSI-161 and CSI-162 are not required to take CSI-163. CSI-161 and CSI-162 will not be offered after spring 2015.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.EGR.EGR
PROGRAM NAME: Engineering Transfer

FACULTY CONTACT: Beth Baran
PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	Technical elective <i>See note 3</i>	*		3-4	Technical elective <i>See note 3</i>			3-4
MAT-191			4	Technical elective <i>See note 3</i>	*		3-4	MAT-212	*		4	MAT-201	*		4
CHE-111			4	MAT-192	*		4	Social & Behavioral Science GER (two disciplines required)		D	3	Social & Behavioral Science GER (two disciplines required)		D	3
EGR-120			3	CHE-112 or HCE-134 <i>See note 2</i>	*		4	PHY-212	*		4	Health/Fitness/Wellness GER <i>See note 3</i>		D	3
Arts & Humanities GER (two disciplines required)		D	3	PHY-211	*		4	Arts & Humanities GER (two disciplines required)		D	3	Technical elective <i>See note 3</i>	*		3-4

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students planning to transfer to the University of Maryland- College Park may want to take CHE-134. Consult with the department chair or an advisor and use transfer resources to make this course choice.
3. Students must complete 7 to 15 credits of technical electives in order to make the total number of credits completed at least 63 credits. Courses may be chosen from the following list (at least one course must be a 200 level engineering course):

Chemistry: CHE 213, CHE 214

Engineering: EGR 209, EGR 211, EGR 221, EGR 222, EGR 235, EGR 241, EGR 244, EGR 250

Mathematics: MAT 202, MAT 250

Physics: PHY 213

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.NUR.TR
PROGRAM NAME: Nursing Option (Prebaccalaureate Nursing)

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.
PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective	*		3	BIO-234	*		4	BIO-135 or BIO-136			3-4
MAT-141 or MAT-133 or MAT-135 or MAT-151			3-4	BIO-233	*		4	SOC-111		D	3	BIO-223	*		4
Mathematics or Computer Technology GER <i>See note 2</i>			3-4	CHE-111 or CHE-115 <i>See note 3</i>			4	Arts & Humanities GER (must select different disciplines)		D	3	PSY-211	*		3
PSY-111			3	Arts & Humanities GER <i>See note 4</i>		D	3	Elective		D	3	Elective (social science)		D	3
BIO-101			4					Health/Fitness/Wellness GER		D	3	Arts & Humanities GER <i>See note 4</i>		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students who have otherwise demonstrated competence in computing and information technology must select a general education mathematics course, a general education computer technology course or a general education interdisciplinary course.
3. Students transferring to the University of Maryland Baltimore should take CHE-115. Students transferring to an allied health program that requires two terms of chemistry should take CHE-111 and either CHE-112 or CHE-113, depending on the requirements of the transfer institution.
4. For students intending to transfer to the University of Maryland Baltimore, humanities courses must be selected from at least two of the following disciplines: literature, philosophy, world languages, fine arts, COM-111. Only one fine arts studio course may be transferred; special prerequisites apply.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.AST

PROGRAM NAME: Science – Astronomy Option

FACULTY CONTACT: Kirsten Casey, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	PHY-212	*		4	AST-114			4
MAT-191			4	MAT-192	*		4	ENG sophomore literature	*	D	3	PHY-213	*	D	4
CHE-111			4	CHE-112	*		4	MAT-201	*		4	CSI-113 <i>See note 3</i>			4
Health/Fitness/Wellness GER		D	3	PHY-211	*		4	AST-112			4	Elective (social science)		D	3
COM-111 or COM-116			3	Social & Behavioral Science GER <i>See note 2</i>		D	3	Social & Behavioral Science GER <i>See note 2</i>		D	3	MAT-202	*		4

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Must select two different disciplines.
3. If appropriate, a different CSI course that also meets the computing and information technology requirement may be selected. Consult an advisor and the transfer institution before enrolling.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.BIOL

PROGRAM NAME: Science and Premedical Professional – Biology Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		3	BIO-220 or BIO-221	*		4	ENG sophomore literature	*	D	3
MAT-151 or MAT-191 <i>See note 2</i>			4	MAT-191 or MAT-192	*		4	CSI-113 <i>See note 4</i>			4	Health/Fitness/Wellness GER		D	3
BIO-101 or BIO-103			4	BIO-105	*		4	PHY-211 or CHE-213 <i>See note 3</i>	*		4	BIO-223	*		4
CHE-111			4	CHE-112	*		4	Social & Behavioral Science GER <i>See note 5</i>		D	3	PHY-212 or CHE-214 <i>See note 3</i>	*		4
				COM-111 or COM-116			3					Social & Behavioral Science GER <i>See note 5</i>		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate's degree.
2. MAT-141 and MAT-142 may be substituted for MAT-151.
3. PHY-111/PHY-112 may be substituted for PHY-211/PHY-212.
4. If appropriate, a different CSI course that also meets the computing and information technology requirement may be selected. Consult an advisor and the transfer institution before enrolling.
5. Students must select two different disciplines in Social & Behavioral Sciences.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.CHEM

PROGRAM NAME: Science and Premedical Professional – Chemistry Option

FACULTY CONTACT: Kirsten Casey, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	CHE-213	*		4	CHE-214	*		4
MAT-151 <i>See note 2</i>			4	MAT-191	*		4	PHY-211	*		4	PHY-212	*		4
Social & Behavioral Science GER <i>See note 3</i>		D	3	CSI-113 <i>See note 5</i>			4	MAT-192	*		4	Elective (humanities)		D	3
Science elective (consult with advisor) <i>See note 4</i>		D	3-4	Health/Fitness/Wellness GER		D	3	COM-111 or COM-116			3	ENG sophomore literature	*	D	3
CHE-111			4	CHE-112	*		4					Social & Behavioral Science GER <i>See note 3</i>		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. MAT-141 and MAT-142 may be substituted for MAT-151.
3. Students must select two different disciplines in social and behavioral sciences.
4. BIO-101 is recommended.
5. If appropriate, a different CSI course that also meets the computing and information technology requirement may be selected. Consult an advisor and the transfer institution before enrolling.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.ENVI

PROGRAM NAME: Science and Premed Prof – Environmental Science Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	GEO-100			3	GEO-240			3
MAT-131 <i>See note 2</i>			3	MAT-135 <i>See note 2</i>	*		3	BIO-103			4	PLS-113			3
CHE-111			4	CHE-112	*		4	BIO-223	*		4	BIO-105	*		4
CSI-112 or CSI-113 <i>See note 3</i>			4	Health/Fitness/Wellness GER		D	3	COM-111 or COM-116			3	BIO-210	*		4
BIO-101			4	BIO-107			4	BIO-214 or BIO-215			3	ENG sophomore literature	*	D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Higher level general education mathematics courses may be substituted for MAT-141 and MAT-135. Students should check the mathematics requirements of the transferring institution before selecting a course. Students anticipating transferring to an engineering-based program are encouraged to take MAT-135 and MAT-191.
3. If appropriate, a different CSI course that also meets the computing and information technology requirement may be selected. Consult an advisor and the transfer institution before enrolling.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.MED-TECH

PROGRAM NAME: Science and Premed Professional – Medical Technology Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	Social & Behavioral Science GER <i>See note 5</i>		D	3	Social & Behavioral Science GER <i>See note 5</i>		D	3
MAT-141 or MAT-151 <i>See note 2</i>			3-4	MAT-135 or MAT-191 <i>See note 4</i>	*		3-4	BIO-223	*		4	COM-111 or COM-116			3
CHE-111			4	CHE-112	*		4	BIO-233	*		4	ENG sophomore literature	*	D	3
CSI elective (consult with an advisor) <i>See note 3</i>			3-4	BIO-105	*		4	CHE-213	*			BIO-234	*		4
BIO-101			4	Health/Fitness/Wellness GER		D	3					CHE-214	*		4

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. MAT-141 and MAT-142 may be substituted for MAT-151.
3. CSI elective must be chosen to satisfy the computing and information technology competency requirement.
4. Students may select MAT-131 and MAT-135 or MAT-151 and MAT-191.
5. Students must select two different disciplines in social and behavioral sciences.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PD-HYG

PROGRAM NAME: Science and Premed Prof – Predental Hygiene Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	PSY-111			3	Electives <i>See note 3</i>		D	6
BIO-101			4	BIO-233	*		4	ENG sophomore literature	*	D	3	SOC-111		D	3
CHE-111			4	CHE-113	*		4	COM-111 or COM-116			3	BIO-135		D	3
MAT-141 <i>See note 2</i>			3	MAT-135 <i>See note 2</i>	*		3	BIO-234	*		4	BIO-223	*		4
				Health/Fitness/Wellness GER		D	3	Elective <i>See note 3</i>		D	3				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Higher level general education mathematics courses may be substituted for MAT-141 and MAT-135. Students should check the mathematics requirements of the transfer institution before selecting a course.
3. Science, mathematics, computer technology, humanities or social science. A course must be chosen to satisfy the computing and information technology competency requirement.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PHYS

PROGRAM NAME: Science and Premedical Professional – Physics Option

FACULTY CONTACT: Kirsten Casey, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	PHY-212	*		4	MAT-202	*		4
MAT-191			4	MAT-192	*		4	CSI-113 <i>See note 3</i>			4	ENG sophomore literature	*	D	3
CHE-111			4	CHE-112	*		4	MAT-201	*		4	Social & Behavioral Science GER <i>See note 2</i>		D	3
Arts & Humanities GER (other than ENG)		D	3-4	PHY-211	*		4	EGR-241	*		4	MAT-212	*		4
Health/Fitness/Wellness GER		D	3	Social & Behavioral Science GER <i>See note 2</i>		D	3					PHY-213	*		4

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students must select two different disciplines in social and behavioral sciences.
3. If qualified, a more advanced programming language course that meets the computing and information technology requirement may be selected. Consult an adviser and the transfer institution before enrolling.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PM-PD

PROGRAM NAME: Science and Premed Prof – Premedical and Predental Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	Elective (consult with an advisor) <i>See note 3</i>			3	Health/Fitness/Wellness GER		D	3
MAT-141 or MAT-151 <i>See note 2</i>			3-4	MAT-135 or MAT-191			3-4	COM-111 or COM-116			3	ENG sophomore literature	*	D	3
BIO-101			4	BIO-105			4	PHY-111	*		4	PHY-112	*		4
CHE-111			4	CHE-112	*		4	CHE-213	*		4	CHE-214	*		4
PSY-111			3	SOC-111		D	3								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate's degree.
2. MAT-141 and MAT-142 may be substituted for MAT-151.
3. Elective must be chosen to satisfy the computing and information technology competency requirement.

*Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PRE-DIETETICS

PROGRAM NAME: Science and Premed – Pre-Dietetics Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective <i>See note 2</i>	*		3	BIO-223	*		4	Elective (consult with advisor) <i>See note 5</i>		D	3
MAT-141 or MAT-151			3-4	CSI-113 <i>See note 3</i>			4	CHE-213	*		4	CHE-214	*		4
Health/Fitness/Wellness GER		D	3	BIO-101			4	PSY-111			3	SOC-111		D	3
CHE-111			4	CHE-112	*		4	Arts & Humanities GER <i>See note 4</i>		D	3	Arts & Humanities GER <i>See note 4</i>		D	3
BIO-135 or BIO-136			3-4									Elective (social science) <i>See note 6</i>		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students must have 60 credits for graduation.
3. Students who have otherwise demonstrated competence in computing and information technology must select a general education mathematics course, a general education computer technology course or a second arts and humanities general education requirement.
4. Students must select two different disciplines in arts and humanities. Students transferring to UMCP should take COM-111 to satisfy one of the arts and humanities general education requirements and should consider a non-studio art course or a sophomore literature course for the second arts and humanities general education requirement.
5. Students transferring to UMCP should take an elective course to meet the UMCP diversity requirement.
6. Students transferring to UMCP should take a history general education course for their social sciences elective course.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PRE-OPT

PROGRAM NAME: Science and Premed – Pre-Optometry Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116	*		0-3	CSI-113 <i>See note 2</i>			4	COM-111 or COM-116			3
MAT-191			4	MAT-192	*		4	CHE-213	*		4	ENG sophomore literature	*	D	3
BIO-101			4	BIO-105	*		4	PHY-111	*		4	CHE-214	*		4
CHE-111			4	CHE-112	*		4	SOC-111		D	3	PHY-112	*		4
				Health/Fitness/Wellness GER		D	3					PSY-111			3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate degree.
2. If appropriate, a different CSI course that also meets the computing and information technology requirement may be selected. Consult an advisor and the transfer institution before enrolling.

In addition to the listed science courses in the program requirements, BIO-223 General Microbiology is recommended, if required by the transfer institution and as approved by the science advisor.

*Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PRE-PHAR

PROGRAM NAME: Science and Premedical Prof – Pre-Pharmacy Option

FACULTY CONTACT: Kirsten Casey, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective <i>See note 2</i>	*		3	CSI-113			4	ENG sophomore literature	*	D	3
MAT-151 <i>See note 2</i>			4	MAT-191	*		4	CHE-213	*		4	CHE-214	*		4
BIO-101			4	COM-111 or COM-116			3	PHY-111	*		4	PHY-112	*		4
CHE-111			4	CHE-112	*		4	Social & Behavioral Science GER <i>See note 3</i>		D	3	Social & Behavioral Science GER <i>See note 3</i>		D	3
				Health/Fitness/Wellness GER		D	3								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate degree.
2. MAT-141 and MAT-142 may be substituted for MAT-151. Students who take both ENG-121 and MAT-151 must take an additional elective course to ensure that they complete a minimum of 60 credits.
3. Social and behavioral sciences must be selected from two different disciplines.

*Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PRE-PT

PROGRAM NAME: Science and Premedical Prof – Pre-Physical Therapy Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective <i>See note 2</i>	*		0-3	COM-111 or COM-116			3	Elective (psychology)			3
Health/Fitness/Wellness GER		D	3	PSY-111			3	Social & Behavioral Science GER (except PSY)		D	3	Elective (approval of science advisor) <i>See note 4</i>			3-4
MAT-135			3	MAT-151 or MAT-191 or MAT-230 <i>See note 3</i>	*		3-4	PHY-111	*		4	PHY-112	*		4
BIO-101			4	BIO-233	*		4	Elective (approval of science advisor) <i>See note 4</i>		D	3-4	ENG sophomore literature	*	D	3
CHE-111			4	CHE-113	*		4	Elective (humanities)		D	3	Elective (humanities)		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate degree.
3. Students who do not qualify for MAT-151 may substitute MAT-131 and MAT-142. Students attending UMES must take MAT-151.
4. One of the electives must be chosen to satisfy the computing and information technology competency requirement.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PRE-VET

PROGRAM NAME: Science and Premedical Prof – Pre-Veterinary Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective <i>See note 2</i>	*		0-3	ENG sophomore literature	*	D	3	Social & Behavioral Science GER <i>See note 3</i>		D	3
MAT-141 or MAT-151			3-4	MAT-133 or MAT-191	*		3-4	COM-111 or COM-116			3	Elective <i>See note 3</i>			3-4
BIO-101			4	BIO-105			4	CHE-213	*		4	CHE-214	*		4
CHE-111			4	CHE-112	*		4	PHY-111	*		4	PHY-112	*		4
Health/Fitness/Wellness GER		D	3	Social & Behavioral Science GER		D	3								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate degree.
3. Social and behavioral sciences must be from two different disciplines. One of the electives must be chosen to satisfy the computing and information technology competency requirement.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PS-BOT

PROGRAM NAME: Science – Plant Science – Botany Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective <i>See note 3</i>	*		3	BIO-201	*		4	Electives (science) <i>See note 6</i>	*		8
MAT-141 <i>See note 2</i>			3	MAT-135			3	CHE-112	*		4	BIO-109			3
BIO-103			4	CSI-113 <i>See note 4</i>			3	ENG sophomore literature	*	D	3	Social & Behavioral Science GER <i>See note 5</i>		D	3
COM-111 or COM-116			3	CHE-111			4	Social & Behavioral Science GER <i>See note 5</i>		D	3				
				Health/Fitness/Wellness GER		D	3	Elective (science) <i>See note 6</i>			4				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Higher level general education mathematics courses selected may be substituted for MAT-141 and MAT-135. Students should check the mathematics requirements of the transfer institution before selecting a course. Students anticipating transferring to an engineering based program are encouraged to take MAT-135 and MAT-191.
3. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate degree.
4. If appropriate, a different CSI course that meets the computing and information technology competency requirement may be selected. Students should consult an advisor and the transfer institution before enrolling.
5. Students must select two different disciplines in Social and behavioral sciences.
6. Electives (science): BIO-107, BIO-210, BIO-220, BIO-223 are highly recommended.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AS.SPM.PS-HORT

PROGRAM NAME: Science – Plant Science – Horticulture Option

FACULTY CONTACT: M. Stephen Ailstock, Ph.D.

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 <i>See note 3</i>	*		0-3	ACH-111			4	ACH-115			3
MAT-141 <i>See note 2</i>			3	BIO-208	*		3	BIO-207	*		3	BIO-112			3
CSI-112			4	COM-111 or COM-116			3	Social & Behavioral Science GER <i>See note 3</i>		D	3	Elective (consult with science adviser) <i>See note 4</i>	*		3-4
BIO-113			3	BPA-120			3	CHE-111			4	CHE-113	*		4
BIO-116			3	Health/Fitness/Wellness GER		D	3	Elective (consult with science adviser) <i>See note 4</i>			3-4	ENG sophomore literature	*	D	3
				Social & Behavioral Science GER <i>See note 3</i>		D	3								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. A higher level general education mathematics course may be substituted for MAT-141. Students should check the mathematics requirements of the transfer institution before selecting a course. Students anticipating transferring to an engineering based program are encouraged to take MAT-135 and MAT-191.
3. Students who take ENG-121 and not ENG-111/ENG-112 or ENG-115/ENG-116 may need to take an additional elective course to ensure that they complete a minimum of 60 credits which are required for the award of an associate degree.
4. Students must select two different disciplines in Social and behavioral sciences.
5. Electives (science): BIO-103, BIO-107, BIO-109, BIO-223 are highly recommended.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: ASE.EGR.ELEC

PROGRAM NAME: Electrical Engineering

FACULTY CONTACT: Beth Wyler

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 (if required)	*		0-3	EGR-244	*		4	EGR-235	*		4
MAT-191			4	EGR-141	*		3	MAT-212	*		4	MAT-201	*		4
CHE-111			4	MAT-192	*		4	Health/Fitness/Wellness GER		D	3	EGR-241			3
EGR-120			3	PHY-211	*		4	PHY-212	*		4	PHY-213	*		4
Social & Behavioral Science GER (two disciplines required)		D	3	Arts & Humanities GER (two disciplines required)		D	3					Arts & Humanities GER (two disciplines required)		D	3
				Social & Behavioral Science GER		D	3								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CIS.CNM
PROGRAM NAME: Computer Network Management

FACULTY CONTACT: Kasia Taylor
PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 (English Composition GER)	*		0-3	CSI-257	*		4	CSI-236	*		3
MAT-141 (Mathematics GER) <i>See note 3</i>			3-4	CSI-135	*		3	CSI-258	*		4	Arts and Humanities CSI-194			3
CSI-113 (Computer Technologies GER)			4	CSI-157	*		4	CSI-265	*		4	Biological and Physical Sciences (GER) <i>See note 2</i>			3-4
CSI-130			3	CSI-158	*		4	Social and Behavioral Science (GER) <i>See note 2</i>			3	Technical Elective <i>See note 4</i>	*		3
CSI-132			3	CSI-165	*		4	Health/Fitness/Wellness (GER) <i>See note 2</i>		D	3				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students must satisfy the diversity requirement simultaneously as they satisfy the Biological & Physical Science, Social & Behavioral Science or Health/Fitness/Wellness general education requirement.
3. Students may select a more advanced general education mathematics course if qualified.
4. Approved technical electives include CSI-269 and CSI-272.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CIS.CYBR-FRNSC

PROGRAM NAME: Info Assurance and Cybersecurity – Cyber Forensics Option

FACULTY CONTACT: Kasia Taylor

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER -SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER -SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 (English Composition GER) <i>See note 1</i>			3	ENG-112 or ENG-116 (English Composition GER)	*		0-3	CSI-208	*		4	CSI-209	*		4
MAT-141 <i>See note 2</i>			3-4	CSI-130			3	CSI-165	*		4	CSI-217	*		4
CSI-113 (Computer Technologies GER)			4	CSI-132	*		4	CSI-135	*		3	Health/Fitness/Wellness GER <i>See note 3</i>			3
CJS-111			3	CSI-207	*		4	Social & Behavioral Science GER <i>See note 3</i>		D	3	CSI-265	*		4
Arts and Humanities CSI-194			3	Biological & Physical Sciences GER <i>See note 3</i>	*		3	Technical Elective <i>See note 4</i>			3-4				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students may select a more advanced general education mathematics course if qualified.
3. Students must satisfy the diversity requirement simultaneously as they satisfy the Biological & Physical Science, Social & Behavioral Science or Health/Fitness/Wellness general education requirement.
4. Technical Elective – Recommended technical electives: CSI-117, CSI-205, CSI-206, SCI-219.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CIS.DATA-ADMN

PROGRAM NAME: Computer Information Systems: Database Administration Option

FACULTY CONTACT: Harold Waterman

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective	*		0-3	CSI-172			3	CSI-211	*		4
MAT-121 or MAT-141 or MAT-151			3-4	CSI-117	*		4	CSI-182			3	CSI-224	*		3
CSI-113 <i>See note 2</i>			4	CSI-123	*		3	CSI-194 or COM-111 or COM-116			3	CSI-225	*		3
CSI-122			4	CSI-222	*		3	Technical electives <i>See note 3</i>		D	6-8	Biological & Physical Sciences GER		D	3-4
CSI-130 or CSI-135			3	Health/Fitness/Wellness GER		D	3					Social & Behavioral Science GER		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students with technical expertise beyond the level of these courses should meet with the Database Administration Coordinator.
3. Recommended choices include:
 Windows Track (for students who have completed CSI-130, CSI-265, CSI-266)
 UNIX/LINUX Track (for students who have completed CSI-135, CSI-235, CSI-236)
 Information Systems Security Track: CSI-116, CSI-132, CSI-194, CSI-214 or EET-160.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CIS.GEN-TECH
PROGRAM NAME: General Technology

FACULTY CONTACT: Krysten Hall
PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	Social & Behavioral Science GER		D	3	Health/Fitness/Wellness GER		D	3
MAT-121 or MAT-141 <i>See note 2</i>			3-4	First area of study <i>See note 3</i>	*		3-4	First area of study <i>See note 3</i>	*		6-8	First area of study <i>See note 3</i>	*		6-8
CSI-112 or CSI-113			4	Second area of study <i>See note 3</i>	*		4	Second area of study <i>See note 3</i>	*		4-6	Second area of study <i>See note 3</i>	*		4-6
COM-111 or COM-116			3	Technical elective <i>See note 4</i>	*		3-4	Technical elective <i>See note 4</i>	*		3-4	Technical elective <i>See note 4</i>	*		3-4
First area of study <i>See note 3</i>	*		3-4	Biological & Physical Sciences GER		D	3-4								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. A more advanced mathematics course may be taken if qualified
3. See "Areas of Study" on reverse side.
4. Technical electives include any course that begins with ART, CSI, EET, ENT, EGR or MAT.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

General Technology

AREAS OF STUDY

Architecture

(see pages 68-69):

- Required courses: ACH 111, ACH 112 ACH 121
- Elective Courses: ACH 211, ACH 212, ACH 230, ACH 231, ACH 240, ACH 242, ACH 245, ACH 255, ACH 265, ACH 270.

Construction Management (see page 70):

- Required courses: ACH 111, ACH 121, ACH 122, ACH 216
- Elective courses: ACH 218, ACH 219, ACH 230, ACH 240, ACH 242, ACH 245

Interior Design (see page 75):

- Required courses: ACH 100, ACH 104, ACH 106, ACH 111, ACH 121
- Elective courses: ACH 105, ACH 201, ACH 202, ACH 203, ACH 204, ACH 242, ACH 245.

Media Production:

(see page 256):

- Any required ART (formerly CAT) course and/or any ART (formerly CAT)/CSI elective course listed on the Computer Science: Internet and Mobile Device Software Development elective list (see page 117).

Information Assurance and Cybersecurity

(see pages 102-103):

- Required courses: CSI 157, CSI 158, CSI 257, CSI 258
- Plus CSI 165 and either
CSI 217 or CSI 219 (if used for the six course sequence)

Personal Computer Systems Technology (see page 100):

- Required courses: CSI 120, CSI 124, CSI 130
- Elective courses: BPA 111, CSI 116, CSI 122, CSI 132, CSI 161, CSI 211

Programming/Analysis Option (see page 101):

- Required courses: CSI 117, CSI 130 or CSI 133 or CSI 135, CSI 155, CSI 161 and CSI 162 or CSI 163 or CSI 241 and CSI 243
- Elective courses: BPA 111, CSI 130, CSI 132, CSI 133, CSI 135, CSI 161 or CSI 162, CSI 163, CSI 211, CSI 241 and CSI 243, CSI 250

Computer Network Management (see page 111):

- Required courses: CSI 130, CSI 132, CSI 135, CSI 214
- Elective courses: CSI 236 and CSI 237 or CSI 265 and CSI 266 or CSI 270 and CSI 271

Computer Science: Internet and Mobile Device Software

Development (see page 118):

- Any required ART or CSI course from the degree and any ART/CSI

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

General Technology

AREAS OF STUDY

Computer Science Transfer (see page 114):

- Required courses: CSI 117, CSI 161, CSI 162 or CSI 163, CSI 238, CSI 250
- Plus any one course from the elective list for Computer Science Programs (if used for six course sequence)

Computer Science Transfer, Computer Information Systems, Management Information Systems electives to be chosen from: CSI 117, CSI 135, CSI 140, CSI 155, CSI 161, CSI 162 or CSI 163, CSI 211, CSI 235, CSI 238, CSI 241, CSI 243, CSI 250.

Computer Information Systems (see pages 98-101):

- Required courses: CSI 117, CSI 161, CSI 162 or CSI 163, CSI 211, CSI 250
- Plus any one course from the elective list for Computer Science Programs (if used for six course sequence)

Management Information Systems (see page 116):

- Required courses: CSI 117, CSI 161, CSI 162 or CSI 163, CSI 211
- Plus any two courses from the elective list for Computer Science Programs (if used for six sequence)*

Designing and Drafting (CAD) (see page 150):

- Any EGR or ENT courses

Electronics (see page 147):

- Any EET course

Telecommunications

(see page 148):

- Any EET course

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CIS.ASSUR-CYBR
PROGRAM NAME: Information Assurance and Cyber Security

FACULTY CONTACT: Kasia Taylor
PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER -SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER -SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	CSI-257	*		4	CSI-217	*		4
MAT-141 <i>See note 2</i>			3-4	CSI-157	*		4	CSI-258	*		4	CSI-219	*		4
CSI-113			4	CSI-158	*		4	CSI-265	*		4	Social and Behavioral <i>See note 3</i>		D	3
CSI-130			3	CSI-135	*		4	Health/Fitness/Wellness GER <i>See note 3</i>			3	Biological and Physical Sciences (GER) <i>See note 3</i>			3-4
CSI-132			3	CSI-165		D	3	Arts and Humanities CSI-194			3				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students may select a more advanced general education mathematics course if qualified.
3. Students must satisfy the diversity requirement simultaneously as they satisfy the Biological & Physical Science, Social & Behavioral Science or Health/Fitness/Wellness general education requirement.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CIS.PC-SYS

FACULTY CONTACT: Connie Hammond

PROGRAM NAME: Computer Info Systems – PC Systems Technology Option PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	CSI-122			4	BPA-120			3
MAT-141 (or more advanced if qualified)			3-4	COM-111 or COM-116			3	CSI-132			4	EET-160			3
BPA-100 or BPA-201			3	BPA-111			3	CSI-211			4	Biological & Physical Sciences GER <i>See note 3</i>		D	3-4
CSI-113 <i>See note 2</i>			4	CSI-124			4	Health/Fitness/Wellness GER <i>See note 3</i>		D	3	BPA or CSI electives <i>See note 3</i>	*		6-8
CSI-120			4	CSI-130			3	Social & Behavioral Science GER <i>See note 3</i>		D	3				

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students with technical expertise beyond the level of this course should meet with the Applications/database administration coordinator to select a more appropriate CSI course.
3. Students must satisfy the diversity requirement simultaneously as they satisfy the Biological & Physical Science, Social & Behavioral Science or Health/Fitness/Wellness general education requirement.
4. Recommended choices include: CSI-116, CSI-125, CSI-126, CSI-127, CSI-129, CSI-214, CSI-222, CSI-262, BPA-162 or BPA-253.

This program has a Fast Track Option for those holding a college degree.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CPS.INT-APP-DEV

PROGRAM NAME: Internet Applications Development

FACULTY CONTACT: Krysten Hall

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER -SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER -SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	CSI-128			3	CSI-248	*		4
Mathematics GER			3-4	Biological & Physical Sciences GER		D	3-4	CSI-138			3	ART-170			3
CSI-113 <i>See note 2</i>			4	CSI-119			3	CSI-151	*		4	Elective <i>See note 3</i>			3-4
CSI-117			4	CSI-149			4	Arts & Humanities GER		D	3	Social & Behavioral Science GER		D	3
CSI-118			3	CSI-163 <i>See note 4</i>	*		4					Health/Fitness/Wellness GER		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students entering the program with technical expertise beyond the level of this course are encouraged to meet with the Internet and mobile device software development coordinator to select a more appropriate CSI course.
3. Students should consult with an adviser and select from the following: ART-270, CSI-123, CSI-148, CSI-162, CSI-172, CSI-230, CSI-232 or CSI-233.
4. Students who have completed CSI-161 and CSI-162 are not required to take CSI-163. CSI-161 and CSI-162 will not be offered after spring 2015.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CPS.MOBL-APP-DEV
PROGRAM NAME: Mobile Device Application Development

FACULTY CONTACT: Krysten Hall
PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	CSI-230	*		4	CSI-233	*		4
Mathematics GER			3-4	CSI-119	*		3	CSI-232	*		4	ART-170			3
CSI-113 <i>See note 2</i>			4	CSI-128			3	Biological & Physical Sciences GER		D	3-4	Elective <i>See note 3</i>			3-4
CSI-117			4	CSI-151	*		4	Arts & Humanities GER		D	3	Social & Behavioral Science GER		D	3
CSI-118			3	CSI-163 <i>See note 4</i>	*		4					Health/Fitness/Wellness GER		D	3

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students entering the program with technical expertise beyond the level of this course are encouraged to meet with the Internet and mobile device software development coordinator to select a more appropriate CSI course.
3. Students should consult with an adviser and select from the following: ART-270, CSI-123, CSI-138, CSI-148, CSI-149, CSI-162, CSI-172, CSI-248.
4. Students who have completed CSI-161 and CSI-162 are not required to take CSI-163. CSI-161 and CSI-162 will not be offered after spring 2015.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.CIS.PROG

FACULTY CONTACT: Krysten Hall

PROGRAM NAME: Computer Info Systems – Programming Analysis Option PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
ENG-111 or ENG-115 or ENG-121 <i>See note 1</i>			3	ENG-112 or ENG-116 or elective (must have 60 credits for graduation)	*		0-3	CSI-130			3	CSI electives <i>See note 4</i>	*		9- 12
MAT-141 <i>See note 2</i>			3-4	CSI-132	*		4	CSI-250	*		4	Biological & Physical Sciences GER		D	3-4
CSI-113 <i>See note 3</i>			4	CSI-163 <i>See note 5</i>	*		4	CSI electives <i>See note 4</i>	*		9-12	Social & Behavioral Science GER		D	3
CSI-117			4	CSI-211	*		4	Health/Fitness/Wellness GER		D	3				
BPA-111			3	COM-111 or COM-116			3								

1. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
2. Students may select a more advanced general education mathematics course if qualified.
3. Students entering the program with technical expertise beyond the level of these courses are encouraged to meet with the computer technologies director to select more appropriate CSI courses.
4. CSI electives from a single area of study: Databases (CSI-122, CSI-123, CSI-172, CSI-182, CSI-222), Unix (CSI-135, CSI-235, CSI-236), Internet and Mobile Devices (CSI-118 and any two of the following: CSI-149, CSI-151, CSI-230, CSI-232, CSI-233), Intermediate Programming (CSI-230, CSI-232, CSI-233, CSI-248, CSI-255), Network Security and Cyber Forensics (CSI-165 and any two of the following: CSI-207, CSI-208, CSI-209, CSI-217), Personal Computer Applications (CSI-120, CSI-122, CSI-124, CSI-125, CSI-126).
5. Students who have completed CSI-161 and CSI-162 are not required to take CSI-163. CSI-161 and CSI-162 will not be offered after spring 2015.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.EGR.ELEC

FACULTY CONTACT: Beth Wyler

PROGRAM NAME: Electronic Engineering Technologies – Electronics Option

PROGRAM SCHOOL: Science & Tech

AACC faculty developed the following charts to encourage greater success in your program of study. Why take classes in this order? The courses in the first column are designed to prepare you for courses in the second column and so on. Students with no developmental requirements in English or reading may register for a total of 18 credits per term. If you are a part-time student, you may take fewer credits by dividing the recommended courses across multiple terms to accommodate your schedule.

GROUP 1				GROUP 2				GROUP 3				GROUP 4			
COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS	COURSE/ REQUIREMENT	PRE REQ (*)	DIVER- SITY (D)	CRED- ITS
MAT-121 <i>See note 1</i>			4	ENG-111 or ENG-115 or ENG-121 <i>See note 2</i>			3	ENG-112 or ENG-116	*		0-3	Elective: EET-140 (with lab EET-141), EET-160, EET-205, EET-223, EET-240, EGR-235, MAT 191 and PHY-212. <i>See note 4</i>	*		6-8
EET-118			4	EET-150	*		4	PHY-111 or PHY-211	*		4	EET-260	*		4
EET-130			4	EET-231	*		4	Elective: EET-140 (with lab EET-141), EET-160, EET-205, EET-223, EET-240, EGR-235, MAT 191 and PHY-212. <i>See note 4</i>	*		3-4	Social & Behavioral Science GER <i>See note 3</i>		D	3
CSI-112 or CSI-113			4	CSI-141	*		3	Health/Fitness/Wellness GER <i>See note 3</i>		D	3				
				Arts & Humanities GER <i>See note 3</i>		D	3	EET-250			3				

1. Students may substitute MAT-151, MAT-191 and MAT-142 for MAT-121.
2. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
3. Students are required to complete one course that meets the diversity requirement. This can be accomplished as this general education requirement (GER) is being met.
4. Some of these electives require a prerequisite and others do not. Students should check for each course being considered.

Where course choices exist within programs, transfer students should consult with an advisor and use transfer resources to make course choices consistent with the requirements of their intended transfer school.

(*) This course has a credit course prerequisite. Specific course prerequisite information can be obtained by looking at the course description in the Credit Courses of Instruction section of the College Catalog or in the Schedule of Classes.

(D) This course meets the diversity requirement or the diversity requirement can be met simultaneously as you satisfy this requirement. Only one diversity class is required to meet the diversity requirement. Courses which meet the diversity requirement can be found in General Education Requirements section of the College Catalog or by looking for the diversity symbol placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

(GER) Information on courses that meet General Education Requirements (GER) can be found in General Education Requirements section of the College Catalog or by looking for the open book symbol for each General Education Category placed next to course descriptions in the Credits Courses of Instruction section of the College Catalog or in the Schedule of Credit Classes.

COURSES/REQUIREMENTS FOR YOUR PROGRAM OF STUDY

CATALOG YEAR: 2014-2015

PROGRAM CODE: AAS.ERG.TELE

PROGRAM NAME: Electronic Engineering Technology – Telecommunications Option

FACULTY CONTACT: Beth Wyler

PROGRAM SCHOOL: Science & Tech

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MAT-121 <i>See note 1</i>			4	ENG-111 or ENG-115 or ENG-121 <i>See note 2</i>			3	ENG-112 or ENG-116	*		0-3	Elective: any EET or CSI course or MAT-191 or PHY-112 or PHY-212 <i>See note 3</i>	*		3-4
EET-118			4	EET-150	*		4	EET-240			3	EET-260	*		4
EET-130			4	EET-231	*		4	PHY-111 or PHY-211	*		4	CSI-132 or CSI-157 and CSI-158			3
CSI-112 or CSI-113			4	EET-140			3	Elective: any EET or CSI course or MAT-191 or PHY-212 <i>See note 3</i>	*		3-4	Social & Behavioral Science GER <i>See note 4</i>		D	3
				EET-141			1	Arts & Humanities GER <i>See note 4</i>		D	3	Health/Fitness/Wellness GER <i>See note 4</i>		D	3

1. Students may substitute MAT-151, MAT-191 or MAT-141 and MAT-142 for MAT-121.
2. Successful completion of ENG-121 fully satisfies the English composition general education requirement.
3. Students are required to complete one course that meets the diversity requirement. This can be accomplished as this general education requirement (GER) is being met.
4. Some of these electives require a prerequisite and others do not. Students should check for each course being considered.

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