

AAS: Networking

Curriculum Chair: Professor William Widulski Location: TECH-101A Telephone: (914) 606-6235

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ADVISOR NAME:

Developmental Courses as required based on placement scores

<input type="checkbox"/>	No Developmental Courses Required
<input type="checkbox"/>	ENG 91 Writing for College 1 – Score of 4 E Code 1 and below
<input type="checkbox"/>	ENG 92 Writing for College 2 – Score of 6 E Code 2
<input type="checkbox"/>	ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6
<input type="checkbox"/>	ESL 122 Academic Writing 2 (3 credits) – Score of 7 E Code 7
<input type="checkbox"/>	MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below
<input type="checkbox"/>	MATH 93 Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below OR MATH 94 Math Literacy – Arithmetic score 45 and above, Elementary Algebra 54 and below
<input type="checkbox"/>	READ 93 Foundation of College Reading – Score of 57 and below
<input type="checkbox"/>	READ 105 Analytical Reading (3 credits) – Score of 58 and higher

Core Requirements

<input type="checkbox"/>	ENG 101 – Writing and Research Choose an item.
<input type="checkbox"/>	ENG 102 – Writing and Literature Choose an item.
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	MATHEMATICS¹ (MATH): One course (3/4 credits)
<input type="checkbox"/>	SCIENCE² (BIOL), (CHEM), (PHYS): One course with/without Lab (3/4 credits)
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	
<input type="checkbox"/>	MATHEMATICS/ SCIENCE ELECTIVE: One MATH course (3/4 credits) or one Science course (BIOL), (CHEM), (PHYS): with/without Lab (3/4 credits)
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	
<input type="checkbox"/>	<p>BEHAVIORIAL SCIENCE: Choose a 3 credit course from 2 areas for a total of 6 credits. Courses include: Sociology (SOC), Psychology (PSYCH), Anthropology (ANTHR), Linguistics (ANTHR), and Geography (GEOG). <i>However SS 101 and SS 103 CANNOT BE USED TO FULFILL Behavioral Science.</i> OR</p> <p>HUMANITIES: Courses include:</p> <ul style="list-style-type: none"> ▪ Art (ART) 101, 103, 105, 108, 108A, 108B, 109, 109A, 125, 128, 129, 133, 139, 185, or 265. Additional fees and/or supplies may be required of ART classes; see catalog for details. ▪ Communications (COMM) 101, 103, 109, or 115 ▪ Dance (DANCE) 101, 102, 105, 107, 121, 205, or 207 OR A combination of three 1 credit dance classes to be chosen from DANCE 112, 115, 120, or 122 ▪ English (ENG) any ENG course EXCEPT ENG 101, 101H, 102, 102H, 124, or 222 CANNOT BE USED TO FULFILL Humanities elective. ▪ Film (FILM) 100, 101, 102, 103, 109, 113, 114H, 115H, 125, 125H, 220, 220H ▪ Foreign Language to be chosen from: ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN. ITAL 104 or ITAL 105 CANNOT BE USED TO FULFILL a Foreign Language elective, but CAN BE USED TO FULFILL a Humanities elective.

¹ **MATH 140**-Statistics, **MATH 178**-Discrete Mathematics or **MATH 180**-Precalculus for Business are recommended.

² **PHYS 101**-Technical Physics 1 Mechanics and Lab recommended.

	<ul style="list-style-type: none"> ▪ Music (MUSIC) 100, 101, 102, 103, 111, 150, or 211 ▪ Philosophy (PHIL) 101A, 102A, 111, 150, 160, or 201H ▪ Theater (THEAT) 101, 103, 111, 113, or 201 THEAT 117A is a 2 credit course which must be combined with another 1 credit approved Humanities elective. OR <p>SOCIAL SCIENCE: Courses include: History (HIS), Political Science (POLSC), Economics (ECON), and Geography (GEOG). <i>However SS 102 and SS 105 CANNOT BE USED TO FULFILL Social Science.</i></p>
3□ / 4□	
<input type="checkbox"/>	LIBERAL ARTS: One course (3 credits) Liberal Arts Elective courses include: Behavioral Science, English/Communications, Humanities, Inter-studies course INTER (see curriculum chair), Mathematics MATH credit-bearing course, Science BIOL , CHEM , PHYS , and Social Science.
3□ / 4□	
<input type="checkbox"/>	PEC/PEH/PES: A combination of two courses (2 credits) either PEH and PES , or PEC and PES , or PEC or PEH , PEC and PEC . PEC 110 (2 credits) <i>IS THE ONLY COMBINATIION COURSE THAT FULFILLS BOTH P.E. REQS.</i>
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Degree Requirements

<input type="checkbox"/>	COMSC 101 – Computer Programming 1: Prerequisite: Placement Reading score of 80 or above or passing READ 105. MATH 135, or MATH 161, or MATH 181, or MATH 191 are co-requisites. Choose an item.
<input type="checkbox"/>	COMSC 116 – LINUX Operating System: COMSC 101 is the prerequisite. Choose an item.
<input type="checkbox"/>	COMSC 118 – Networking 1: Prerequisites: Students must demonstrate readiness for Analytical Reading and college-level mathematics by attaining appropriate scores on the Placement Exam, or by attaining passing grades in the appropriate developmental courses, or by completion of previous college-level mathematics or English courses. Some previous computer use (for email, Internet or word processing) is necessary. Choose an item.
<input type="checkbox"/>	COMSC 124 – Networking 2: COMSC 118 is the prerequisite. Choose an item.
<input type="checkbox"/>	COMSC 128 – Networking 3: COMSC 124 is the prerequisite. Choose an item.
<input type="checkbox"/>	COMSC 132 – Networking 4: COMSC 128 is the prerequisite. Choose an item.
<input type="checkbox"/>	COMSC 134 – Network Administration: COMSC 128 is the prerequisite. Choose an item.
<input type="checkbox"/>	ELECTIVES: Choose courses from list below (7 to 10 credits)

Completed credits of 64 required

Select Concentration Electives from Computer Science:

COMSC 106-It Essentials 1
COMSC 121-IT Essentials 2: NOS
COMSC 136-Ad Routing Configuration
COMSC 201A-Data Structures

COMSC 110-Computer Programming II
COMSC 123-Home Technology Integration
COMSC 138-Remote Access
COMSC 207-Java Programming

COMSC 120-Internship in Computer Science
COMSC 125-Computer Architecture I
COMSC 142-Network Security
COMSC 208A-GUI Development

Electrical Technology:

ELEC 128-Electrical Circuits
CIS: CIS 150-Internet Technologies

ELEC 208-Computer Systems

ELEC 261-Computer Diagnostics