

# AAS: Networking

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## Developmental Courses as required based on placement scores

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

## Core Requirements

3 <input type="checkbox"/>	<b>ENG 101</b> – Writing and Research Choose an item.
3 <input type="checkbox"/>	<b>ENG 102</b> – Writing and Literature Choose an item.
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	<b>MATHEMATICS<sup>1</sup> (MATH): One course (3/4 credits)</b>
	<b>SCIENCE<sup>2</sup> (BIOL), (CHEM), (PHYSC): One course with/without Lab (3/4 credits)</b>
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	
	<b>MATHEMATICS/ SCIENCE ELECTIVE: One MATH course (3/4 credits) or one Science course (BIOL), (CHEM), (PHYSC): with/without Lab (3/4 credits)</b>
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	
	<b>BEHAVIORIAL SCIENCE: Choose a 3 credit course from 2 areas for a total of 6 credits.</b> <b>Courses include:</b> Sociology ( <b>SOC</b> ), Psychology ( <b>PSYCH</b> ), Anthropology ( <b>ANTHR</b> ), Linguistics ( <b>ANTHR</b> ), and Geography ( <b>GEOG</b> ). <i>However SS 101 and SS 103 CANNOT BE USED TO FULFILL Behavioral Science.</i> <b>OR</b> <b>HUMANITIES:</b> <b>Courses include:</b> <ul style="list-style-type: none"> <li>▪ Art (<b>ART</b>) 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 <b>ART</b> classes; see catalog for details.</li> <li>▪ Communications (<b>COMM</b>) 101, 103, 109, or 115</li> <li>▪ Dance (<b>DANCE</b>) 101, 102, 105, 107, 121, 205, or 207 <b>OR</b> A combination of three 1 credit dance classes to be chosen from <b>DANCE</b> 112, 115, 120, or 122</li> <li>▪ English (<b>ENG</b>) any <b>ENG</b> course <b>EXCEPT</b> <b>ENG</b> 101, 101H, 102, 102H, 124, or 222 <b>CANNOT BE USED TO FULFILL</b> Humanities elective.</li> <li>▪ Film (<b>FILM</b>) 100, 101, 102, 103, 109, 113, 114H, 115H, 125, 125H, 220, 220H</li> </ul>

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

<sup>2</sup> **PHYSC 101**-Technical Physics 1 Mechanics and Lab recommended.

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

### Degree Requirements

3□	COMSC 101 – Computer Programming 1: <b>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.</b> Choose an item.
3□	COMSC 116 – LINUX Operating System: <b>COMSC 101 is the prerequisite.</b> Choose an item.
3□	COMSC 118 – Networking 1: <b>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.</b> Choose an item.
3□	COMSC 124 – Networking 2: <b>COMSC 118 is the prerequisite.</b> Choose an item.
3□	COMSC 128 – Networking 3: <b>COMSC 124 is the prerequisite.</b> Choose an item.
3□	COMSC 132 – Networking 4: <b>COMSC 128 is the prerequisite.</b> Choose an item.
3□	COMSC 134 – Network Administration: <b>COMSC 128 is the prerequisite.</b> Choose an item.
	<b>ELECTIVES: Choose courses from list below (7 to 10 credits)</b>
3□	3□
3□	3□

SEEN BY:

Completed credits of 64 required

**Select Concentration Electives from Computer Science:**

COMSC 106-It Essentials I  
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

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Academic Plan		Completed credits		of 64 required	
		Fall/Spring		Fall/Spring	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
Fall/Spring		Fall/Spring			
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>