

# AAS: Civil Technology

Curriculum Chair: Prof. Leonard Spina TECH-104 Tel # (914) 606-6942 Email: [Leonard.Spina@sunywcc.edu](mailto:Leonard.Spina@sunywcc.edu)

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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.
4 <input type="checkbox"/>	<b>MATH 135</b> – College Algebra with Trigonometry Choose an item.
4 <input type="checkbox"/>	<b>MATH 165</b> – Technical Math with Calculus <b>OR</b> Choose an item.
	<b>MATH 161</b> – Pre-calculus Choose an item.
3 <input type="checkbox"/>	<b>PHSYC 101</b> - Technical Physics I (and Lab) <sup>1</sup> Choose an item.
3 <input type="checkbox"/>	<b>PHSYC 102</b> - Technical Physics 2 (and Lab) <sup>2</sup> Choose an item.
	<p><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></p> <p><b>HUMANITIES:</b>  <b>Courses include:</b></p> <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 ENG course <b>EXCEPT</b> ENG 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> <li>▪ Foreign Language to be chosen from: <b>ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN.</b> <b>ITAL 104</b> or <b>ITAL 105</b> <b>CANNOT BE USED TO FULFILL</b> a Foreign Language elective, but <b>CAN BE USED TO FULFILL</b> a Humanities elective.</li> <li>▪ Music (<b>MUSIC</b>) 100, 101, 102, 103, 111, 150, or 211</li> </ul>

<sup>1</sup> **PHSYC 101**-Technical Physics 1 & Lab - prerequisite **MATH 135**-College Algebra with Trigonometry.

<sup>2</sup> **Recommended courses:** **PHYC 165**-Principles of Energy, **PHYSC 143**-Earth Science, or **BIOL 101**-Biological Science.

	<ul style="list-style-type: none"> <li>▪ Philosophy (<b>PHIL</b>) 101A, 102A, 111, 150, 160, or 201H</li> <li>▪ Theater (<b>THEAT</b>) 101, 103, 111, 113, or 201</li> </ul> <p><b>THEAT 117A</b> is a 2 credit course which must be combined with another 1 credit approved Humanities elective. <b>OR</b></p> <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 <input type="checkbox"/> / 4 <input type="checkbox"/>	3 <input type="checkbox"/> / 4 <input type="checkbox"/>
	<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 <input type="checkbox"/>	1 <input type="checkbox"/>

Degree Requirements	
3 <input type="checkbox"/>	<b>CIVIL 103</b> – Introduction to Technology: <b>Offered both semesters.</b> Choose an item.
3 <input type="checkbox"/>	<b>MECH 162</b> – CAD 1: <b>Offered both semesters.</b> Choose an item.
2 <input type="checkbox"/>	<b>CIVIL 101A</b> – Architectural Drawing: <b>Offered both semesters.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 115</b> – Construction Methods and Materials: <b>Offered both semesters.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 214</b> – Surveying 1: <b>MATH 135 is the prerequisite. Offered fall semester.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 230</b> – Environmental Problems & Controls and Lab: <b>Offered spring semester.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 201</b> – Elements of Strength of Materials: <b>MATH 135 and PHYSC 101 are the prerequisites. Offered both semesters.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 207</b> – Structures <b>CIVIL 201 is a co-requisite. Not offered every semester.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 215</b> – Surveying 2: <b>CIVIL 214 is the prerequisite. Offered spring semester.</b> Choose an item.
2 <input type="checkbox"/>	<b>CIVIL 209</b> – Highway Design: <b>MATH 135 is the prerequisite. Offered both semesters.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 223</b> – Construction Estimating*: <b>CIVIL 101A and CIVIL 115 are prerequisites. Offered spring semester.</b> Choose an item.
3 <input type="checkbox"/>	<b>CIVIL 231</b> – Construction Management and CPM: <b>CIVIL 115 is prerequisite. Offered both semesters.</b> Choose an item.
2 <input type="checkbox"/>	<b>CIVIL 235</b> – Architectural Design: <b>CIVIL 101A is the prerequisite. Offered both semesters.</b> Choose an item.

SEEN BY:

Completed credits of 64 required

**NOTES:**

\* Or approved substitute by Curriculum Chair

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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>