

**PAYMENT DUE**

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# AAS: Civil Technology

**Curriculum Chair:** Prof. Leonard Spina TECH-133 Tel # (914) 606-6942 Email: [Leonard.Spina@sunywcc.edu](mailto:Leonard.Spina@sunywcc.edu)

**Associate Dean:** TECH-106 Tel # (914) 606-6789 Email: [\[Redacted\]](#)

## 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 Choose an item.                                                   |
| <input type="checkbox"/>           | <b>ENG 92</b> Writing for College 2 – Score of 6 E Code 2 Choose an item.                                                             |
| <input type="checkbox"/>           | <b>ESL 94</b> Academic Writing 1 – Score of 5 or 6 E Code 6 Choose an item.                                                           |
| 3 <input type="checkbox"/>         | <b>ESL 122</b> Academic Writing 2 – Score of 7 E Code 7 Choose an item.                                                               |
| <input type="checkbox"/>           | <b>MATH 92</b> Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below Choose an item.                           |
| <b>OR</b> <input type="checkbox"/> | <b>MATH 93</b> Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below Choose an item.                     |
|                                    | <b>MATH 94</b> Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below Choose an item. |
| <input type="checkbox"/>           | <b>READ 93</b> Foundation of College Reading – Score of 57 and below Choose an item.                                                  |
| 3 <input type="checkbox"/>         | <b>READ 105</b> Analytical Reading – Score of 58 and higher Choose an item.                                                           |

## New General Education Requirements

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 <input type="checkbox"/>                             | <b>ENG 101</b> – Writing and Research <b>OR ENG 101H</b> Choose an item.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3 <input type="checkbox"/>                             | <b>ENG 102</b> – Writing and Literature <b>OR ENG 102H</b> Choose an item.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4 <input type="checkbox"/>                             | <b>MATH 135</b> – College Algebra with Trigonometry Choose an item.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 4 <input type="checkbox"/>                             | <b>MATH 161</b> – Pre-calculus Choose an item.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4 <input type="checkbox"/>                             | <b>PHSYC 101</b> - Technical Physics I (and Lab) <sup>1</sup> Choose an item.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                        | <b>THE ARTS, FOREIGN LANGUAGE, or OTHER WORLD CIVILIZATIONS GENERAL ED REQUIREMENTS – Select a 3/4 credit course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                        | <b>ART</b> 101, 102, 103, 104, 105, 106, 108, 109, 109A, 110, 111, 112, 125, 129, 130, 133, 134, 135, 137, 138, 140, 141, 147, 201, 203, 212, 265, <b>DANCE</b> 101, 102, 107, 120, 121, 205, 207, <b>FILM</b> 100, 101, 102, 130 <b>MUSIC</b> 110, 110H, 111, 120, 121, 130, 131, 132, 133, 150, 230, 231, 232, 233, <b>THEAT</b> 111, 113, 201<br><b>CHINS</b> 102, <b>FREN</b> 101, 102, 201, <b>ITAL</b> 101, 102, 103, 201, 201H, 202, 202H, 250, <b>SPAN</b> 101, 102, 103, 104, 201, 201H, 202, 202H, 203, 204<br><b>ANTHR</b> 120, 210, 215H, <b>HIS</b> 119, 128, 129, 131, <b>POLSC</b> 113 |
| 3 <input type="checkbox"/> /4 <input type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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|                            | <p><b>AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select a 3 credit course:</b></p> <p><b>ART 108, 109, HIS 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, POLSC 102, 104, 107</b></p> <p><i>*Students who complete this course cannot use HIS 133 or 134 to fulfill degree and/or general education requirements</i></p> <p><i>**Students who complete this course cannot use HIS 121 to fulfill degree and/or general education requirements</i></p> |
| 3 <input type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                            | <b>PEC/PEH/PES: One course (1 credit)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1 <input type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| <b>Degree Requirements</b> |                                                                                                                                              |
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| 2 <input type="checkbox"/> | <b>CIVIL 101A – Architectural Drawing: Offered both semesters.</b> Choose an item.                                                           |
| 3 <input type="checkbox"/> | <b>CIVIL 103 – Introduction to Technology: Offered both semesters.</b> Choose an item.                                                       |
| 3 <input type="checkbox"/> | <b>CIVIL 115 – Construction Methods and Materials: Offered both semesters.</b> Choose an item.                                               |
| 3 <input type="checkbox"/> | <b>CIVIL 201 – Elements of Strength of Materials: MATH 135 and PHYSC 101 are the prerequisites. Offered both semesters.</b> Choose an item.  |
| 3 <input type="checkbox"/> | <b>CIVIL 207 – Structures CIVIL 201 is a co-requisite. Not offered every semester.</b> Choose an item.                                       |
| 2 <input type="checkbox"/> | <b>CIVIL 216 – Highway Design: MATH 135 is the prerequisite. Offered both semesters.</b> Choose an item.                                     |
| 3 <input type="checkbox"/> | <b>CIVIL 214 – Surveying 1: MATH 135 is the prerequisite. Offered fall semester.</b> Choose an item.                                         |
| 3 <input type="checkbox"/> | <b>CIVIL 215 – Surveying 2: CIVIL 214 is the prerequisite. Offered spring semester.</b> Choose an item.                                      |
| 3 <input type="checkbox"/> | <b>CIVIL 222 – Construction Estimating<sup>2</sup>: CIVIL 101A and CIVIL 115 are prerequisites. Offered spring semester.</b> Choose an item. |
| 3 <input type="checkbox"/> | <b>CIVIL 230 – Environmental Problems &amp; Controls and Lab: Offered spring semester.</b> Choose an item.                                   |
| 3 <input type="checkbox"/> | <b>CIVIL 231 – Construction Management and CPM<sup>3</sup>: CIVIL 115 is prerequisite. Offered both semesters.</b> Choose an item.           |
| 2 <input type="checkbox"/> | <b>CIVIL 235 – Architectural Design: CIVIL 101A is the prerequisite. Offered both semesters.</b> Choose an item.                             |
| 3 <input type="checkbox"/> | <b>MECH 162 – CAD 1: Offered both semesters.</b> Choose an item.                                                                             |
|                            | <b>TECH, SCIENCE OR MATH ELECTIVE: SELECT ONE</b><br>Math 181, 191, MECH 164, 267, PHYSC 102, 165                                            |
| 3 <input type="checkbox"/> |                                                                                                                                              |

SEEN BY:

Completed credits

of 64 required

<sup>2</sup> Approved substitutions include: MECH 164, or MECH 267. Other substitutions by department approval.

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**Associate Dean:** TECH-106 Tel # (914) 606-6789 Email:

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