

**PROGRAM: AAS CIVIL TECHNOLOGY- REVISIONS PENDING**

Division: Mathematics, Engineering and Physical Sciences

TECH-129 (914) 606-6788

Curriculum

Code: 0380

64 Credits

**Curriculum Chair**

Professor Leonard Spina

TECH-104

Telephone: (914) 606-6942

Reviewed By: \_\_\_\_\_

Date: \_\_\_\_\_

Approved By Chairperson/Dean: \_\_\_\_\_

Course #	SEMESTER 1	Credits	✓
<b>ENG 101</b>	<b><i>Composition &amp; Literature 1</i></b>	<b>3</b>	
<b>MATH 110A</b>	<b><i>College Algebra with Trigonometry</i></b>	<b>4</b>	
MECH 260B	CAD 1*	3	
CIVIL 103	Introduction to Technology	3	
	<b><i>Behavioral, Social Science or Humanities<sup>2</sup>-</i></b>	<b>3</b>	

Course #	SEMESTER 3	Credits	✓
<b>PHYS 109A</b>	<b><i>Technical Physics II and Technical Physics II Lab</i></b>	<b>3</b>	
<b>PHYS 110</b>			
CIVIL 201	Elements of Strength of Materials	3	
CIVIL 111	Construction Methods and Materials	3	
CIVIL 214	Surveying I	3	
CIVIL 225	Environmental Problems & Controls and Lab	3	
CIVIL 226			
	<b><i>PE (fitness)-</i></b>	<b>1</b>	

Course #	SEMESTER 2	Credits	✓
<b>ENG 102</b>	<b><i>Composition &amp; Literature 2</i></b>	<b>3</b>	
<b>MATH 115A</b>	<b><i>Technical Math with Calculus Or Pre-Calculus</i></b>	<b>4</b>	
<b>MATH 115</b>			
<b>PHYS 107A</b>	<b><i>Technical Physics I<sup>1</sup> and Technical Physics I &amp; Lab</i></b>	<b>3</b>	
<b>PHYS 108</b>			
CIVIL 101	Architectural Drawing	2	
	<b><i>Behavioral, Social Science or Humanities<sup>3</sup>-</i></b>	<b>3</b>	

Course #	SEMESTER 4	Credits	✓
CIVIL 207	Structures	3	
CIVIL 209	Highway Design	2	
CIVIL 231	Construction Management & CPM **	3	
CIVIL 215	Surveying II	3	
CIVIL 235	Architectural Design	2	
CIVIL 223	Construction Estimating**	3	
	<b><i>PE (sport)-</i></b>	<b>1</b>	

***Bold italic items are Core Requirements.*****NOTES:**

\* Recommend as co or prerequisite - Engineering Drawing I

\*\* Or approved substitute by Curriculum Chair

- ***Social Science*** courses include History, Political Science, Economics and Geography.
- ***Behavioral Science*** courses include Sociology, Psychology, Anthropology and Geography. General Psychology is the prerequisite for all upper level psychology courses.
- ***Humanities*** courses include Art, Dance, Drama, Music, Foreign Language, Film, Philosophy, Theater and Photography at ARTWS.

<sup>1</sup> Technical Physics I & Lab - prerequisite College Algebra with Trigonometry.<sup>2</sup> Behavioral, Social Science or Humanities Electives - Choose a 3 credit course from 2 areas for a total of 6 credits.<sup>3</sup> Behavioral, Social Science or Humanities Electives - Choose a 3 credit course from 2 areas for a total of 6 credits.