

PROGRAM: AAS CIVIL TECHNOLOGY- REVISIONS PENDING

Division: Mathematics, Engineering and Physical Sciences

TECH-129 (914) 606-6788

64 Credits**Curriculum Chair**

Professor Leonard Spina

Leonard.Spina@sunywcc.edu

TECH-104

Telephone: (914) 606-6942

Reviewed By: _____

Date: _____

Approved By Chairperson/Dean: _____

Course #	SEMESTER 1	Credits	✓
ENG 101	Composition & Literature 1	3	
MATH 135	College Algebra with Trigonometry	4	
MECH 162	CAD 1	3	
CIVIL 103	Introduction to Technology	3	
	Behavioral, Social Science or Humanities²-_____	3	

Course #	SEMESTER 3	Credits	✓
PHYSIC 102	Technical Physics II and Technical Physics II Lab	3	
CIVIL 201	Elements of Strength of Materials	3	
CIVIL 115	Construction Methods and Materials	3	
CIVIL 214	Surveying I	3	
CIVIL 225	Environmental Problems & Controls and Lab	3	
	PE (fitness)-_____	1	

Course #	SEMESTER 2	Credits	✓
ENG 102	Composition & Literature 2	3	
MATH 165 MATH 161	Technical Math with Calculus Or Pre-Calculus	4	
PHYSIC 101	Technical Physics I¹ and Technical Physics I & Lab	3	
CIVIL 101	Architectural Drawing	2	
	Behavioral, Social Science or Humanities³-_____	3	

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	
	PE (sport)-_____	1	

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

* 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.

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