

PROGRAM: AAS CIVIL TECHNOLOGY- REVISIONS PENDING

**Division: Math, Computer, Engineering & Physical Sciences & Technologies
TECH-106 (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 2	Credits	✓
ENG 102	Composition & Literature 2	3	
MATH 165	Technical Math with Calculus Or Pre-Calculus	4	
MATH 161			
PHYSIC 101	Technical Physics I¹ and Technical Physics I & Lab	3	
CIVIL 101A	Architectural Drawing	2	
	Behavioral, Social Science or Humanities²-	3	

Course #	SEMESTER 3	Credits	✓
PHYSIC 102	Technical Physics II or Principles of Energy	3	
PHYSIC 165			
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 227			
	PE (fitness)-	1	

Course #	SEMESTER 4	Credits	✓
CIVIL 207	Structures	3	
CIVIL 216	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 (HIS), Political Science (POLSC), Economics (ECON) and Geography (GEOG).
- **Behavioral Science** courses include Sociology (SOC), Psychology (PSYCH), Anthropology (ANTHR) and Geography (GEOG). General Psychology is the prerequisite for all upper level psychology courses.
- **Choose ONLY those courses whose descriptions are labeled as "humanities credits" from:** ART, DANCE, ENG, MUSIC, FILM, THEAT, ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN, PHIL.

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.