

**ARCHITECTURAL AND CONSTRUCTION TECHNOLOGIES
CONSTRUCTION TECHNOLOGY (CNS)
(HEGIS 5317)**

The purpose of this program is to meet the educational needs of the construction industry by training entry-level construction managers and by providing continuing education for construction employees.

Graduates will be qualified to be draftspersons, engineering and construction aides, building materials and manufacturing representatives, planning aides and detailers. Dutchess Community College graduates will be able to transfer many credits to accredited construction management programs at four-year colleges.

The Associate in Applied Science (A.A.S.) degree is awarded upon completion of the requirements for this program.

Courses should be selected in consultation with an advisor.

Course No.	Descriptive Title	Cr.Hrs.
FIRST SEMESTER		
ENG 101	Composition I	3
MAT 132	Technical Mathematics II (a)	3
ARC 103	Basic Architectural Drwg.	3
ARC 105	Bldg. Materials & Const. I	3
ARC 104	Introduction to Computer Graphics	1
ARC 113	Architecture Introductory Seminar	1
BUS 104	Business Organization & Management	<u>3</u>
	TOTAL	17
SECOND SEMESTER		
ENG 102	Composition II	3
ARC 106	Bldg. Materials & Const. II	4
ARC 110	Architectural Drawing	3
ARC 214	Office Practice	2
ENR 215	Surveying I	<u>3</u>
	TOTAL	15
THIRD SEMESTER		
ECO 105, GOV 121, HIS 104, HIS 108		3
ARC 108	Mechanics of Structures	2
ARC 205	Working Drawings I	5
WFE 101	Lifetime Wellness and Fitness	3
ARC 211	Mechanical & Electrical Systems in Buildings	<u>2</u>
	TOTAL	15
FOURTH SEMESTER		
BHS 103	Social Problems in Today's World	3
ARC 206	Working Drawings II	5
ARC 207	Structural Analysis	3
ACC 104	Financial Accounting	4
Free Elective (b)		<u>3</u>
	TOTAL	18
	TOTAL 65 CREDIT HOURS	

- a. Qualified students may take a more advanced mathematics course.
- b. Elective courses to be taken in Humanities, Social Sciences, Math or Science.

