Associate in Applied Science (A.A.S.) in Construction Management

PROGRAM OVERVIEW

The Construction Management program was developed in response to the high unemployment rate of the District of Columbia and the projections of the D.C. Department of Employment Services and Bureau of Labor Statistics for an increased need for construction workers in this area.

This program will serve as a model for the emerging field of green construction training and prepares students for entry-level construction jobs such as:

- Engineering Aide
- Assistant Construction Manager
- Estimator
- Scheduler
- Small Construction Company Owner

The program consists of 65 semester credits--23 credits are general education and required courses, 39 credits are construction management courses, and 3 credits are for an elective. Full-time students can complete the program in two years. Students will be taught using laboratory instruction, classroom instruction, and field trips to construction sites.

ACADEMIC PREPAREDNESS

UDC recognizes the important connection between student success and academic preparedness. Depending on placement test scores and/or equivalent college course work, students may be required to complete co-requisite courses in English. ***Only credits earned for the college-level portion of the co-requisite course pairing count towards degree completion requirements.***

Co-Requisite Courses for English

Course #	Title	Credits	Grade	Semester
ENGL-015	English Fundamentals ***and***	3		
ENGL-101C	English Composition I	3		

SEQUENCE OF STUDY

The required courses for the degree program are listed in suggested sequence on the reverse side of this document. Students are expected to complete prerequisite and co-requisite courses as indicated.

- A Prerequisite is a requirement which much be completed prior to enrollment in a particular class. This can be a placement test score or a course. For example, ENGL-111: English Composition I must be taken prior to ENGL-112: English Composition II.
- A Co-requisite is a course that must be taken in the same semester. For example, APCT 104C: Introduction to Applications of Computers Lecture must be taken along with APCT 105C: Introduction to Applications of Computers Lab.

GUIDE TO SUBJECTS

When registering for courses, use the key below to search for courses by subject.

AETC	Architectural Engineering Technology	**ENGL**	English	**MATH**	Mathematics
CMTC	Construction Management Technology	**FSEM**	First Year Seminar	**PHYS**	Physics

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FIRST SEMESTER

Course #	Course Title	Credits	Semester	Grade	Prerequisites
FSEM-101C	First Year Seminar	1			
ENGL-111C	English Composition I	3			ENGL-015C or required placement test score
MATH-111C	Technical Mathematics I	3			MATH-105C or required placement test score
CMTC-101C	Construction Management I	3			
CMTC-121C	Construction Field Operations	3			
AETC-101C	Architectural Drawing and Design I	3			
	Total Credit Hours:	**16**			

SECOND SEMESTER

Course #	Course Title	Credits	Semester	Grade	Prerequisites
ENGL-112C	English Composition II	3			ENGL-111C
MATH-112C	Technical Mathematics II	3			MATH-111C
CMTC-102C	Construction Management II	3			
CMTC-112C	Surveying (Lecture)	2			Co-requisite CMTC-113C
CMTC-113C	Surveying (Lab)	1			Co-requisite CMTC-112C
AETC-114C	Materials and Methods of Construction I	3			
	Total Credit Hours:	**15**			

THIRD SEMESTER

Course #	Course Title	Credits	Semester	Grade	Prerequisites
CMTC-201C	Construction Management III	3			
CMTC-211C	Site Planning (for Construction Mgmt Majors)	3			
CMTC-224C	Cost Estimating (for Construction Mgmt Majors)	3			
AETC-206C	CADD Documents/Specifications & Estimating	3			AETC-205C
AETC-244C	Mechanical & Electrical Systems	3			AETC-102C
	Elective	3			
	Total Credit Hours:	**18**			

FOURTH SEMESTER

Course #	Course Title	Credits	Semester	Grade	Prerequisites
CMTC-202C	Construction Management IV	3			
CMTC-235C	Planning and Scheduling	3			
ENGL-113C	Technical Writing	3			ENGL-112C
PHYS-101C	Introduction to College Physics I (Lecture)	3			MATH-105C or equivalent; Co-requisite PHYS-103C
PHYS-103C	Introduction to College Physics I (Lab)	1			Co-requisite PHYS-101C
	Behavioral/Social Science Elective	3			
	Total Credit Hours:	**16**			**October 27, 2015**

Total Credit Hours for A.A.S. Degree in Construction Management: 65