

Construction Engineering Technology

Associate of Applied Science in Construction Engineering Technology/Technician—CET2

The Construction Engineering Technology Program objective is to provide students with knowledge and skills that are valued and sought by the construction industry profession. Graduates must have knowledge of construction materials and methods, structural systems, and surveying, be capable of interpreting codes, plans, and specifications, and have skills for planning, estimating, scheduling, and evaluating project performance. The curriculum provides fundamentals and specialized coursework that incorporates current standards and technology for managing and providing quality construction. The Construction Engineering Technology Program prepares graduates for entry-level employment, and provides them with a foundation for transfer to university and continued life-long education.

FIRST SEMESTER		SCH
— DFTG	1405 Technical Drafting	4
— CNBT	1311 Construction Methods & Materials I	3
— CNBT	1442 Building Codes & Inspections	4
—	----- Computer Literacy	3/4
— TECM	1349 Technical Math Application	3
		17/18
SECOND SEMESTER		
— CNBT	----- CNBT Elective*	3/4
— DFTG	1409 Basic Computer Aided Drafting	4
—	----- Social & Behavioral Science	3
— ENGL	1301 English Composition I	3
—	----- Humanities/Fine Arts	3
		16/17
THIRD SEMESTER		
— CNBT	----- CNBT Elective*	3/4
— CNBT	----- CNBT Elective*	3/4
— POFT	1132 Workplace Diversity	1
— POFT	2312 Business Correspondence & Communication	3
— KINE	----- Kinesiology or	
— ENTC	1191 Special Topics in Engineering Technology/General	1
—	----- Elective Outside Major	3/4
		14/17
FOURTH SEMESTER		
—	----- CNBT Elective* or	
—	----- SRVY Elective**	3/4
—●CNBT	1491 Special Topics in Construction/ Building Technology/Technician or	
—●CNBT	2467 Practicum (or Field Experience): Construction Engineering Technology/Technician	4
—	----- Natural Science	4
— SPCH	----- Oral Communication	3
		14/15
Total Semester Credit Hours for Degree		61/67

* CNBT Electives: CNBT 1300, 1316, 2317, 2310, 2437, 2442, 2444.

** SRVY Elective: SRVY 1413.

Certificate of Completion in Construction and Building Technology—CBT1

FIRST SEMESTER		SCH
— KINE	----- Kinesiology or	
— ENTC	1191 Special Topics in Engineering Technology/General	1
— CNBT	1311 Construction Methods & Materials I	3
—●CNBT	1442 Building Codes & Inspections	4
— POFT	1132 Workplace Diversity	1
— CNBT	----- CNBT Elective*	3/4
— DFTG	1405 Technical Drafting	4
		16/17
Total Semester Credit Hours for Certificate		16/17

* CNBT Electives: CNBT 1300, 1316, 2317, 2310, 2437, 2442, 2444.

Certificate of Completion in Construction Management Technology—CMT1

FIRST SEMESTER		SCH
— KINE	----- Kinesiology or	
— ENTC	1191 Special Topics in Engineering Technology/General	1
— CNBT	1311 Construction Methods & Materials I	3
— CNBT	1442 Building Codes & Inspections	4
— POFT	1132 Workplace Diversity	1
— CNBT	----- CNBT Elective*	3/4
— DFTG	1405 Technical Drafting	4
		16/17
SECOND SEMESTER		
— CNBT	----- CNBT Elective*	3/4
— CNBT	----- CNBT Elective*	3/4
— CNBT	----- CNBT Elective*	
—	----- or	
— SRVY	----- SRVY Elective** or	
— DFTG	1409 Basic Computer Aided Drafting	3/4
—●CNBT	1491 Special Topics in Construction/ Building/Technician or	
—●CNBT	2467 Practicum (or Field Experience): Construction Engineering Technology/Technician	4
— TECM	1349 Technical Math Application	3
		16/19
Total Semester Credit Hours for Certificate		32/36

* CNBT Electives: CNBT 1300, 1316, 2317, 2310, 2437, 2442, 2444.

** SRVY Elective: SRVY 1413.