



# ARCHITECTURAL ENGINEERING TECHNOLOGY

Associate in Applied Science (AAS)

2016-17 Catalog Version

## Advising Sheet – Suggested Course Sequence

Student Name \_\_\_\_\_ Faculty Advisor \_\_\_\_\_

REQUIRED COURSES	CR.	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR ✓ TAKEN
SDV 100 College Success Skills	1			
ENG 111 College Composition I	3	See Placement Test Scores		
MTH 163 Precalculus I	3	See Placement Test Scores	MTH 173	
ARC 121 Architectural Drafting I <i>Offered Fall Only</i>	3			
ARC 122 Architectural Drafting II <i>Offered Spring Only</i>	3	ARC 121		
ARC 221 Architectural CAD Applications Software I <i>Offered Fall Only</i>	3			
ARC 246 Materials and Methods of Construction <i>Offered Fall Only</i>	4			
ARC 258 Building Codes, Contract Documents and Professional Office Practices	3			
Health/Physical Education Elective	2			
CIV 171 Surveying I <i>Offered Fall Only</i>	3		GIS 101	
<b>MILESTONE: Building Construction Technology Certificate (See Note 8) (See faculty advisor)</b>				
MTH 164 Precalculus II	3	MTH 163	MTH 174	
ARC 222 Architectural CAD Applications Software II <i>Offered Spring Only</i>	3			
ARC 231 Advanced Architectural Drafting I <i>Offered Fall Only</i>	4			
ARC 232 Advanced Architectural Drafting II <i>Offered Spring Only</i>	4	ARC 231		
ARC 243 Environmental Systems <i>Offered Spring Only</i>	4			
CST 100 Principles of Public Speaking	3			
Humanities Elective	3		See Note 3	
Lab Sciences Elective	4		See Note 4	
MEC 131 Mechanics I – Statics for Engineering Technology <i>Offered Fall Only</i>	3		EGR 140	
MEC 270 Computations for Engineering Technology	3			
Social/Behavioral Science Elective	3		See Note 5	
<b>Total Minimum Credits to Complete</b>	<b>65</b>			

**NOTES:**

- Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
- This program is not intended for transfer. Students desiring to transfer should consult their academic advisors and their intended transfer institutions for specific direction in program and course selection. Required courses for any major at four-year institutions may vary.
- The humanities elective must be satisfied by completing one 3-credit conceptual humanities course. See web site ([www.jtcc.edu/humanitiesselectives](http://www.jtcc.edu/humanitiesselectives)) for a list of approved conceptual and applied humanities electives.
- The lab science elective requirement can be satisfied by courses with the following prefixes: CHM and PHY.
- The social science elective requirement can be satisfied by courses with the following prefixes: ECO, GEO, HIS, PLS, PSY, and SOC.
- Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
- Courses noted as Fall only or Spring only are based on historical trends and current planning and may change without notice.
- Building Construction Technology Certificate is earned by completing the listed courses and a technical elective from the listed ARC or MEC courses.

For more information on this major, contact the Division of Engineering, Business and Public Services. 804.706.5121 (Chester Campus, Godwin Hall, G108) or 804.594.1480 (Midlothian Campus, Hamel Hall, H206).