



# Architectural Engineering Technology

# Architectural Design

## AAS



## ACADEMIC MAP

This program is not designed to transfer. 2018-2019



FIRST SEMESTER	Notes	Credits	MC
<input type="checkbox"/> ARCH1124 Architectural Drawing		3	
<input type="checkbox"/> CCET1010 Surveying 1 and Lab		4	
<input type="checkbox"/> ENGL1010 English Comp I		3	
<input type="checkbox"/> INET1004 Technical Computer Appl	Coreq: ENTC1124 May sub CENT1310	3	
<input type="checkbox"/> MATH1740 Algebra & Trig I	See General Advising Notes	3	

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SEMESTER CREDITS    16

SECOND SEMESTER	Notes	Credits	MC
<input type="checkbox"/> ARCH1244 Materials and Methods		3	
<input type="checkbox"/> ARCH2644 Computer Aided Drawing		3	
<input type="checkbox"/> PICK ONE: Technical Elective	See General Advising Notes	3	
<input type="checkbox"/> MATH1750 Algebra & Trig II	Prereq: MATH 1740 with a C or better	3	
<input type="checkbox"/> PHYS2010 Non-Calculus Physics I	Prereq: MATH1740	4	

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SEMESTER CREDITS    16

THIRD SEMESTER	Notes	Credits	MC
<input type="checkbox"/> ARCH1224 Commercial Drawings	Prereq: ARCH 2644	3	
<input type="checkbox"/> ARCH2714 Mechanical Equipment	Prereq: ARCH 1244	3	
<input type="checkbox"/> CCET2204 Statics & Strength of Materials	Prereq: MATH 1740	3	
<input type="checkbox"/> CCET2623 Concrete Technology & Lab		3	
<input type="checkbox"/> PICK ONE: Humanities / Fine Art		3	

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SEMESTER CREDITS    15

FOURTH SEMESTER	Notes	Credits	MC
<input type="checkbox"/> ARCH2744 Architectural Design	Prereq: ARCH 2644	4	
<input type="checkbox"/> ARCH2824 Construction Estimates	Prereq: ARCH 1244	3	
<input type="checkbox"/> PICK ONE: Social / Behavioral Sciences		3	
<input type="checkbox"/> PICK ONE: General Education		3	
<input type="checkbox"/>			

To stay on track, these courses must be taken in order. SEMESTER CREDITS    13

PROGRAM CREDITS    60



### Milestone Courses

Based on prior students' experience, students who do well in these courses are more likely to graduate on time in this program.

ARCH2644 Computer Aided Drawing  
MATH1740 Algebra & Trigonometry

### General Advising Notes

If Student needs to take Math learning support then MATH1740 has prerequisite of MATH0100 and MATH1000

Technical Electives Choices:  
 ARCH2735 Building Codes  
 ARCH2736 Principles of Construction  
 ARCH2844 Advanced AutoCAD  
 ARCH2845 AutoCAD and GIS  
 CCET2123 Construction Planning, Equipment, and Methods and Lab  
 CCET2614 Structural Design and Lab

ENGL1010 and ENGL0810  
 ACAD1100 and READ0810  
 MATH0530 and MATH1530

### Helpful Hints

**15 to FINISH**

Take 15 credit hours a semester to finish your degree in two years.

All architectural engineering technology majors should complete Architectural Construction Fundamentals certificate first.

Technical courses should be taken before general education courses. Technical courses may be offered only once a year, while general education courses every semester.

### Contact Information

Phone: 901-333-4150  
 Email: [architecture@southwest.tn.edu](mailto:architecture@southwest.tn.edu)

For full catalog:  
[catalog.southwest.tn.edu](http://catalog.southwest.tn.edu)