

# ARCHITECTURAL DESIGN & CONSTRUCTION TECHNOLOGY

66 Credit Hours

## 2015 – 2016 Program Planning Worksheet / 2 Year Plan

**NOTICE TO STUDENTS:** This document is not to be considered an official program of study, rather a worksheet for preliminary planning purposes. Many courses have minimum grade and/or *prerequisite requirements* as outlined in the college catalog. Students should work with a Student Success Coordinator in the School of Business and Technology.

Student Name: \_\_\_\_\_

Student ID Number: \_\_\_\_\_

### AS DEGREE REQUIREMENTS

General Education Requirements	Credit Hours	AS Met ✓	Architectural Design and Construction Advanced Course Requirements	Credit Hours	AS Met ✓
ENC 1101 Composition I	3		BCN 1230C Materials & Methods of Construction	3	
ENC 1102 Composition II	3		BCT 1760 Building Codes	2	
SPC 1017 Fundamentals of Speech <b>OR</b> SPC 2608 Intro to Public Speaking	3		BCT 1773 Building Construction Estimating, Scheduling, & Cost Control	4	
ECO 2013 Principles of Macroeconomics	3		BCT 2730 Construction Management	3	
Gen Ed Mathematics * Recommended: MAC 1105 College Algebra	3		ETD 1103C Engineering Graphics I	4	
			ETD 1390 Introduction to Revit Architecture	4	
Gen Ed Humanities * Recommended: PHI 2100 Logic	3		ETD 1530 Drafting & Design (Manual)	4	
<b>TOTAL GEN ED CREDIT HOURS</b>	<b>18</b>		ETD 2340 Advanced Computer Aided Drafting	3	
*Courses specified as Mathematics & Social Sciences should be selected from courses listed in the FSW College Catalog's <b>General Education Program Guide.</b>			ETD 2930 Special Topics/Capstone Engineering Technologies	1	
			<b>TOTAL ADVANCED ARCHITECTURAL DESIGN AND CONSTRUCTION CORE CREDIT HOURS</b>	<b>28</b>	
Foundation Course Requirements	Credit Hours	AS Met ✓	Specified Elective Requirements	Credit Hours	AS Met ✓
BCN 1040 Introduction to Sustainability in Construction	3		Specified Electives may be taken from the following 1000 & 2000 level course prefixes: BCN, BCT, ETD <b>OR</b> ARC 1211 Introduction to Architecture ETD 1949 Engineering Technology Internship I GIS 1040 Geographic Information Systems (GIS) GIS 1045 Geographic Information Systems (GIS) Customization SLS 1301 Career & Educational Exploration SLS 1350 Employability Preparation SLS 1515 Cornerstone Experience MAC 2233 Calculus for Business & Social Sciences I STA 2023 Statistical Methods I	1	
BCN 1272 Blueprint Reading	3				
BCN 2710 Construction Procedures	4				
BSC 1051C Environmental Biology: Southwest Florida Ecosystems	3				
EGS 1001 Introduction to Engineering	3				
ETD 1320 Computer Aided Drafting	3				
<b>TOTAL FOUNDATION CORE CREDIT HOURS</b>	<b>19</b>				
<b>Notes:</b>			GRD 2000 Graduation AS Degree Completion	0	
			<b>TOTAL ELECTIVE CREDIT HOURS</b>	<b>1</b>	
			<b>Degree Completion Requirements</b>	<b>Credit Hours</b>	<b>AS Met ✓</b>
			<b>TOTAL CREDIT HOURS AS, ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNOLOGY</b>	<b>66</b>	

**2015 – 2016 Suggested Course Sequencing / 2 Year Plan**

First Year Fall Semester	Credits	Met √	First Year Spring Semester	Credits	Met √	First Year Summer Semester	Credits	Met √
ENC 1101 Composition I	3		ENC 1102 Composition II	3		SPC 1017 Fundamentals of Speech <b>OR</b> SPC 2608 Intro to Public Speaking	3	
ETD 1320 Computer Aided Drafting	3		BCN 1272 Blueprint Reading	3		ECO 2013 Macroeconomics	3	
ETD 1530 Drafting & Design (Manual) <b>FALL ONLY*</b>	4		BSC 1051C Environmental Biology: Southwest Florida Ecosystems <b>SPRING ONLY*</b>	3		ETD 1103C Engineering Graphics I <b>SUMMER ONLY*</b>	4	
BCN1040 Introduction to Sustainability in Construction <b>FALL ONLY*</b>	3		EGS 1001 Introduction to Engineering	3				
<b>Total</b>	<b>13</b>		<b>Total</b>	<b>12</b>		<b>Total</b>	<b>10</b>	

Second Year Fall Semester	Credits	Met √	Second Year Spring Semester	Credits	Met √	Second Year Summer Semester	Credits	Met √
ETD 2340 Advanced Computer Aided Drafting <b>FALL ONLY*</b>	3		ETD 1390 Introduction to Revit Architecture	4		BCT 2730 Construction Management <b>SUMMER ONLY*</b>	3	
BCN 1230C Materials & Methods of Construction <b>FALL ONLY*</b>	3		BCT 1773 Building Construction Estimating, Scheduling, & Cost Control <b>SPRING ONLY*</b>	4		ETD 2930 Special Topics/Capstone Engineering Technologies	1	
BCN 2710 Construction Procedures <b>FALL ONLY*</b>	4		BCT 1760 Building Codes <b>SPRING ONLY*</b>	2		Gen Ed Mathematics Recommended: MAC 1105 College Algebra	3	
Gen Ed Humanities Recommended: PHI 2100 Logic	3		Specified Elective	1		GRD 2000 AS ARDC Degree Completion Submit Graduation Application by Deadline	0	
<b>Total</b>	<b>13</b>		<b>Total</b>	<b>11</b>		<b>Total</b>	<b>7</b>	

**\*Indicates course will be offered ONLY in the term listed**

Unless indicated as "ONLY", courses are scheduled in the terms indicated above and may be offered more frequently.

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