



INDIAN RIVER STATE COLLEGE

PROGRAM AS - Architectural Design and Construction Technology

Meta Major: Industry/Manufacturing and Construction

2017-2018 Guided Pathway

20460 Credit Hours 66

First Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	BCN1214	Materials and Methods of Construction - Basic Structure	3	
<input type="checkbox"/>	BCN1250	Architectural Drafting Principles	3	
<input type="checkbox"/>	ETD1320	Introduction to AutoCAD	3	MAT1033
<input type="checkbox"/>	ETD2340	AutoCAD Level 2	3	ETD1320
<input type="checkbox"/>	ENC1101	English Composition I	3	
	Total Semester Credit Hours		15	

Second Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	BCN1215	Materials & Methods of Construction - Finishes & Systems	3	
<input type="checkbox"/>	BCN2040	Zero Energy Building Design and Construction	3	
<input type="checkbox"/>	ETD1842	3D Visualization with AutoCAD	3	
<input type="checkbox"/>	ETD2395	CAD - Architectural	3	BCN1250, ETD1320
<input type="checkbox"/>	ENC1102	English Composition II	3	ENC1101 ("C" or higher)
	Total Semester Credit Hours		15	

Third Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	ARC2180	Introduction to Digital Architecture	3	
<input type="checkbox"/>	MAC1105	College Algebra	3	MAT1033 ("C" or higher)
	Total Semester Credit Hours		6	

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Fourth Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	BCN2598	Sustainable Building Systems	3	
<input type="checkbox"/>	BCT1760	Building Codes and Specifications	3	
<input type="checkbox"/>	BCT2770	Construction Estimating - Foundation to Basic Structure	3	
<input type="checkbox"/>	ETM1111	Energy in Building Design	3	
<input type="checkbox"/>	PHY1020	Principles of Physics	3	MAT1033
Total Semester Credit Hours			15	

Fifth Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	BCT2772	Construction Estimating - Finishes and Systems	3	
<input type="checkbox"/>	BCN2599	Green Building and Energy Efficiency	3	
<input type="checkbox"/>	ETD2551	Computer Aided Drafting - Civil	3	ETD1320
<input type="checkbox"/>	GIS1060	Introduction to GIS with ArcGIS	3	
<input type="checkbox"/>	ECO2013	Principles of Economics Macro	3	
Total Semester Credit Hours			15	