



INDIAN RIVER STATE COLLEGE

PROGRAM AS - Architectural Design and Construction Technology

Meta Major: Industry/Manufacturing and Construction

2016-2017 Guided Pathway for Part-time

20460 Credit Hours 66

First Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	ENC1101	English Composition I	3	
<input type="checkbox"/>	MAC1105	College Algebra	3	MAT1033 ("C" or higher)
<input type="checkbox"/>	ETD1320	Introduction to AutoCAD	3	MAT1033
<input type="checkbox"/>				
	Total Semester Credit Hours		9	

Second 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"/>	ETD2340	AutoCAD Level 2	3	ETD1320
<input type="checkbox"/>	BCN1250	Architectural Drafting Principles	3	
<input type="checkbox"/>				
	Total Semester Credit Hours		9	

Third Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	ETD2395	CAD - Architectural	3	BCN1250, ETD1320
<input type="checkbox"/>	BCN1215	Materials & Methods of Construction-Finishes & Systems	3	
<input type="checkbox"/>	ENC1102	English Composition II	3	ENC1101 ("C" or higher)
<input type="checkbox"/>				
	Total Semester Credit Hours		9	

Fourth Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	BCN2040	Zero Energy Building Design and Construction	3	
<input type="checkbox"/>	ETD1842	3D Visualization with AutoCAD	3	
<input type="checkbox"/>	BCT1703	Principles of Construction Management	3	
<input type="checkbox"/>				
	Total Semester Credit Hours		9	



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Fifth 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"/>				
	Total Semester Credit Hours		9	

Sixth Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	ETM1111	Energy in Building Design	3	
<input type="checkbox"/>	PHY1020	Principles of Physics	3	MAT1033
<input type="checkbox"/>	BCT2772	Construction Estimating-Finishes and Systems	3	
<input type="checkbox"/>				
	Total Semester Credit Hours		9	

Seventh Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	BCN2599	Green Building and Energy Efficiency	3	
<input type="checkbox"/>	ETD2551	Computer Aided Drafting-Civil	3	EDG1320
<input type="checkbox"/>	ECO2013	Principles of Economics Macro	3	
<input type="checkbox"/>				
	Total Semester Credit Hours		9	

Eighth Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	GIS1060	Introduction to GIS with ArcGIS	3	
<input type="checkbox"/>				
	Total Semester Credit Hours		3	