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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Career Cluster: *Architecture and Construction* | | | | | CTE Program: *Carpentry* | | | | |
| Career Cluster Pathway: *Construction* | | | | | Industry Certification:  *NCCER Carpentry Level 1 (NCCER005), NCCER Construction Tech (NCCER08)* | | | | |
| Logo for Florida Career Clusters | | 16 CORE CURRICULUM CREDITS | | | | | | 8 ADDITIONAL CREDITS | |
| ENGLISH4 credits | MATH4 credits | SCIENCE3 credits, 2 with lab | | SOCIAL STUDIES3 credits | OTHER REQUIRED COURSES  FINE ARTS (1 credit)  PHYSICAL EDUCATION  (1 credit) | CAREER AND TECHNICAL EDUCATION COURSES | **RECOMMENDED ELECTIVES**  (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS) |
| HIGH SCHOOL | Students are encouraged to use flchoices.org to explore careers and postsecondary options.  * **Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.** * **One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program** | | | | | | | | |
| 9th | English I | Algebra 1, Algebra 1A, or Geometry | Biology I | | None | Personal Fitness | Building and Construction Technologies 1 | Research |
| 10th | English II | Algebra 1B or Geometry | Physical Science or Chemistry I | | World History | PE/ Band / JROTC | Building and Construction Technologies 2 & 3 | Spanish 1 |
| 11th | English III | Algebra 2, Geometry, or Math for College Readiness | Science Elective | | American History | PE / Band / JROTC | Building and Construction Technologies 4 & 5 | Spanish 2 |
| 12th | English IV | Algebra 2, Math for College Readiness, or Pre-Calculus | Science Elective | | American Government/ Economics | Fine Arts or Practical Arts |  |  |
| POSTSECONDARY | **Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.** | | | | | | | | |
| **TECHNICAL CENTER PROGRAM(S)** | | **COMMUNITY COLLEGE PROGRAM(S)** | | | | | **UNIVERSITY PROGRAM(S)** | |
|  | | Florida State College at Jacksonville, Hillsborough Community College, Seminole State College of Florida | | | | | University of Florida, Everglades University, Florida Institute of Technology, Florida International University | |
| CAREER | **Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)** | | | | | | | | |
| Construction Worker | | Building Inspector | | | | | Construction Manager, Architect | |
| CREDIT |  | | | | | | | | |
| **Secondary to Technical Center (PSAV)** | | **Secondary to College Credit Certificate or Degree** | | | | | **PSAV/PSV to AAS or AS/BS/BAS** | |
| **None** | | ***Indian River State College***    BCN 1210 Materials of Construction 3 credits  BCN 1272 Plans Interpretation I 3 credits | | | | | **None** | |
| **Career and Technical Student Association** | | | | | | | | | |
|  | | | | | | | | | |
| **Internship/Work Experience Recommendations** | | | | | | | | | |
|  | | | | | | | | | |
| **PrograPrm of Study** | | | | | | | | | |

Program of Study Graduation Requirements 2013-2014: <http://www.fldoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf>