

Building Trades & Construction Design Technology

(PROGRAM #8722000)

The Building Trades & Construction Design Technology pathway prepares students for employment or advanced training in the building construction industry. Instruction focuses on broad aspects of the industry to include planning management, finance, technical and production skill, and underlying principles of technology, health safety and environmental issues.

Students in this pathway will participate in the following Career Technical Student Organization(s) (CTSO). SkillsUSA

INDUSTRY, MANUFACTURING, CONSTRUCTION & TRANSPORTATION (IMCT)

PROFESSIONAL CAREER CERTIFICATIONS*

Industry Certification Title	CAPE college credits	Graduation online course requirement	Math/Sci Waiver (non-EOC)
Microsoft Office Specialist	N/A	YES	NO
NCCER Construction Technology	3 credits	NO	YES
NCCER Carpentry - Level 1 (Secondary)	3 credits	NO	YES
NCCER Plumbing - Level 1 (Secondary)	N/A	NO	NO

POST SECONDARY OPTIONS

Options	Pathway	Career**	Avg. Salary**
COLLEGE / UNIVERSITY ENROLLMENT	Construction Management BS Industrial Management AS	Construction Project coordinator Construction Operations Manger Construction Supervisor	\$84,129 \$81,554 \$59,761
REGISTERED APPRENTICESHIP	ANY Registered Apprenticeship Program	Electrician, Journeyman Plumber, Journeyman HVAC, journeyman Carpenter, Journeyman	\$22.78 / hr \$24.22 / hr \$18.85 / hr \$18.04 / hr
WORKFORCE	Construction Industry	Building Surveyor Construction Worker (various trades) Concrete laborer	\$15.38 / hr \$13.94 / hr \$15.55 / hr

COLLEGE SCHOLARSHIPS

<p>Florida Gold Seal Vocational Scholars (GSV)</p> <p>Funds 2-year programs: Technical College certificate or State College degree</p>	<p>The Florida Gold Seal Vocational Scholars (GSV) can be used to fund a career education or certificate program at a Technical or State College.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> • Complete 3 credits within a single pathway • 3.0 weighted core GPA • 3.5 unweighted GPA in the pathway courses • Minimum college ACT, SAT, or PERT scores <p>Click here to see the full eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</p>
<p>Florida Gold Seal CAPE Scholars (GSC)</p>	<p>The Florida Gold Seal CAPE Scholars award (GSC) can be used to fund a career education or certificate program.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> • Pass Industry Certification exam(s) equaling 5 or more college credits • Document a minimum of 30 service hours <p>Click here to see the full GSC eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf Click here to see Industry Certification awarded college credits: http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml</p>

SCHOOLS OFFERING THIS PATHWAY

High Schools:	Coral Springs Plantation Whiddon Rogers	Construction Trades Pre-Apprenticeship McArthur Piper Plantation
Middle Schools:	n/a	

COURSE PROGRESSION

Course	Course #	Teacher Certification
Building Trades & Construction Design Technology 1	8722010	BLDG CONST (local) TECH ED
Building Trades & Construction Design Technology 2	8722020	
Building Trades & Construction Design Technology 3 (honors) (P. Art)	8722030	see FLDOE approved list for all certifications
Building Trades & Construction Design Technology 4	8722040	
Building Trades & Construction Design Technology 5	8722050	
Building Trades & Construction Design Technology 6 (honors) (P. Art)	8722060	

CAREER PATHWAY OPPORTUNITIES

CTE pathways offer students opportunities to continue their education after high school. Dual Enrollment pertains to students taking college courses while enrolled in high school. Articulation agreements allow students to earn college credit for CTE courses and industry certifications earned in high school.

Workplace Experience	CTE students have the opportunity to complete a pre-professional learning experience the summer after 11 th grade in their chosen field of study or career interest. www.browardschools.com/CTACE
Broward Technical Colleges	Students who have passed courses in a high school CTE program or earned an Industry Certification can apply those credits to the aligned postsecondary program. Contact a BTC Counselor for more information or follow the link to see how you can save time and money when you attend a Broward Technical College. http://www.browardtechnicalcolleges.com/articulation-agreement
Broward College	Complete HIGH SCHOOL PROGRAM: Building Construction Trades AS (6 credits) Complete APPRENTICESHIP PROGRAM at Technical College: Industrial Management AS (27 credits) www.broward.edu/academics/cpl/pages/high-school.aspx

*Industry certifications offered may vary by school.

**Salary data collected from Indeed.com, 04/2017

CONTACT INFORMATION

Broward County Public Schools: Career, Technical, Adult and Community Education
754-321-8400 www.BrowardSchools.com CTACE@BrowardSchools.com

The School Board of Broward County, Florida, prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender identity, gender expression, national origin, marital status, race, religion, sex or sexual orientation. Individuals who wish to file a discrimination and/or harassment complaint may call the Director, Equal Educational Opportunities/ADA compliance Department at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

Individuals with disabilities requesting accommodations under the American with Disabilities Act Amendments Act of 2008 (ADAAA) may call Equal Educational Opportunities/ADA Compliance Department at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

Building Trades & Construction Design Technology

(PROGRAM #8722000)

INDUSTRY, MANUFACTURING, CONSTRUCTION & TRANSPORTATION (IMCT)