

FCPS CAREER AND TECHNOLOGY CENTER
2019-2020 Materials List
 July 2019



The following is a listing of item(s) your child will need to participate in his/her chosen program. Our programs are designed to prepare students to be college and career ready upon completion. After much discussion and several years of utilizing uniforms on a program by program basis, our school decided to require students to wear consistent clothing that is specific to and representative of the professional role that students are emulating. It has been our experience that having students wear professional uniforms allows them to seamlessly step out of their adolescent world and into the role of a young professional; bringing them closer together as a class and instilling a sense of pride in themselves and their program. An added benefit for some programs: students are not ruining their good/expensive clothes. Students not in compliance with these expectations will lose daily professionalism points, may be assigned alternative tasks, or may be removed from participating in the class; adversely affecting their grade. We do recommend two (2) uniforms in order to facilitate the laundering process on a regular basis.

Please note the following:

- ▶ For safety reasons, work boots are a requirement in many of the programs at the Center. If your student has chosen a program where work boots are required, he/she will need to have them **every day**. It is suggested that the students leave the boots in their lockers.
- ▶ Safety glasses will be provided free of charge to each student. If glasses are misplaced, lost or damaged, it is the student's responsibility to purchase new eye protection. Safety glasses may be purchased through the front office or any clear safety glasses that meet the ANSI Z87 standard will be acceptable.
- ▶ For students who wear glasses, we recommend that students purchase eyeglasses with safety lenses and side shields.
- ▶ The Center does provide locks for student lockers.

We want all students who are truly interested in following their interest to be able to participate in our programs at CTC. If you are financially unable to secure these items for your child or if you have any questions, please contact us at 240-236-8500.

Student Supply Prices Subject to Change.

Academy of Health Professions

1st Year/Level I

- Watch with a Second Hand

Details on the following items will be provided at parent orientation.

- Uniform (Scrubs, jacket) - \$47.00
- Name badge - \$7.00
- First Aid /CPR Certification fee - \$28.00

2nd Year/Level II – Nurse Assistant

- Uniforms from year 1 (w/option to purchase new uniforms)
- Watch with second hand – No Smart watches

Details on the following items will be provided at parent orientation (*CNA-GNA students only*)

- White shoes (no insignia, closed toe, and closed heel) washable (no cloth)
- Optional Nursing Assistant Workbook - \$20.00
- CNA/GNA registration /fees/background check - \$163.00

2nd Year/Level II – Medical Assistant

- Optional NHA Workbook & online bundle - \$69.00
- Medical Assistant Certification - \$155.00

Advanced Floral Design

Closed Toe Shoes
 Binder, Paper, Pens, Pencils

Details on the following items will be provided at parent orientation:

- Uniform Shirt - \$16.50 each (2 recommended) \$33.00
- Apron (can be purchased from school) \$76.00
- Floral Shears, Scissors, Floral Knife (can be purchased from school)

Agribusiness

8 ½ x 11 notebook with 3 dividers
 Lined Paper Blue and Black Pens
 Pencils

Agricultural & Commercial Metals: Welding

Leather Work Boots – All Leather that cover the ankle
 100% cotton long pants Approx. \$143.00
 16' Tape Measure for Level II only

Details on the following items will be provided at parent orientation:

- Welding jacket - (\$21.00-\$45.00) two styles available. Must be worn daily
- AWS Certification Test - \$115.00 - (2nd year)

Auto Body/Collision Repair

Details on the following items will be provided at parent orientation:

1st Year/Level I Approx. \$200.00

- Uniform Shirt - \$30.00 (1 recommended)
- Work Boots – Leather
- Welding Respirator \$27.00
- 1/4" Drive & 3/8" Drive Metric Socket Sets
- 8mm to 20 mm Wrench Set
- #2 Straight Screwdriver
- #2 Phillips Screwdriver
- T15 Torx Screwdriver
- I-CAR student Registration Fee – additional \$52.00
- Auto darkening welding helmet - \$85.00 (optional)

2nd Year/Level II Approx. \$65.00

- Organic Charcoal Vapor Respirator \$30.00
- ASE Testing Fees – \$40.00

Automotive Service Technology

Details on the following items will be provided at parent orientation.

- Uniforms - \$59.00 per set/Minimum 2 set purchase
- Leather Work Boots – Oil and slip resistant soles
- Student workbook optional (free online, paper copy amount) - \$40.00
- ASE Testing Fees - \$40.00 /per year

Approximate amount of items listed below \$164.00

- Tire Pressure Gauge
- Digital Multimeter
- Nitrile Gloves (optional)

Bio Medical Sciences

2 -100 sheet college ruled composition books
 Close-Toe Shoes
 Jeans or Sweatpants for Lab
 Scientific Calculator
 Pencils, Black Ink Pens
 Colored Pencils, Highlighters (optional)

Carpentry

Approximate amount for items below
\$200.00

Leather Work Boots
Work Gloves
Notebook paper/pens & pencils
Construction Master Calculator
Carpenter's Tool Belt and the following tools
Stanley Powerlock 25' or 30' Tape Measure
Hammer - 20 ounce
Swanson Speed-Square
Cat's Paw
Utility Knife –not w/belt clip-
(Remove ALL Blades)
Chalk Box

Details on the following items will be provided at parent orientation:

- Hardhat -\$9.00
- Hearing protection - \$6.00 - \$42.00
- Uniforms (2 shirts) - \$26.00 - \$38.00

CAD-Architectural

Notebook/paper/pen/pencils
Active E-Mail account
Internet access at home recommended
Home computer where the student can download CAD Architecture software is also recommended

Details on the following items will be provided at parent orientation:

- Uniform Shirt for CAD Architecture - \$27.00 each (2 recommended)
- 8GB Flash Drive -\$5.00 each (1 recommended)
- 1 – Pink, white, or gum eraser - \$1.00-\$2.00 ea (or optional electric eraser \$8.00-\$10.00)
- 1 – (Simple or similar brand) Package of graphite drawing pencils (choose a set with a minimum of 4 different leads. They are rated H{hard} to B{soft}; recommend sets containing any of the 2H, H, HB, 2B, 4B, or 6B leads. - \$5.00-\$6.00 per pkg)
- 1 – extra fine tip/extra fine point black marker (sharpie or similar) - \$2.00 ea
Approximate amount of above items - \$15.00
- Auto CAD Revit Exam Fee - \$73.00

CAD-Engineering

Notebook/paper/pen
Active E-Mail account
Calculator is recommended
Internet access at home recommended
Home computer where the student can download CAD Engineering and related software is also recommended

Details on the following items will be provided at parent orientation:

- Uniform Shirt for CAD Engineering - \$27.00 each (2 recommended)
- 8GB Flash Drive - \$5.00 each (1 recommended)
- Engineering Design Notebooks Whether or not a notebook is required will be determined after school begins and students make project choices. Students will have notebooks for individual or team projects. Different projects require different notebooks. - \$4.00 - \$11.00 ea
- Additional supplies may be required, depending on student choices of aeronautical, electrical, mechanical, civil, structural, robotic, environmental, or other engineering projects.
- Auto CAD Inventor Exam Fee - \$73.00

CISCO Networking Academy

Notebook/paper/pen or pencil
8GB or Larger Flash Drive
Active E-Mail Account
Internet access at home recommended

Details on the following items will be provided at parent orientation:

- Uniform Shirt - \$32.00 each (2 recommended)
- CCENT Exam Fee - \$165.00
- CCNA Exam Fee - \$172.00/\$325.00
- Security+ Exam Fee -\$215.00
- LINUX Lab Fee - \$42.00
- LINUX Certification Exams – \$154.00/\$348.00

Computer Technician/Analyst

USB Flash Drive

Details on the following items will be provided at parent orientation:

- A Basic Computer Repair Tool Kit - \$21.00
- Uniform shirt - \$32.00 each (2 recommended)
- A+ Exams - \$208.00 (with discount voucher)

Cosmetology

3" 3-ring Loose-leaf notebook with paper and dividers
Black Uniform Pants/Dress Pants/Slacks
Black Leather Shoes (Plain) Nike, Reebok or Nursing Shoes

The following items will be available for purchase through the school. Details were provided at the spring meeting.

- Cosmetology Kit with Books - \$692.00 (Current approximate cost for Cosmetology Kit)
- Uniform Shirt(1) - \$22.00
- Uniform Sweatshirt(1) - \$23.00
- Exam Fee (Approximately) - \$79.00
- Nail Kit - \$10.00

Culinary Arts / Baking

3-ring Large Loose-leaf notebooks
Paper and dividers (20 tab pack)
2 black Sharpie pens
Pack of Pens or Pencils

Details on the following will be provided at parent orientation:

- Chef Jacket, pants, and headwear – (approx. \$104.00) 2 full sets
Purchase from Chef Works at <https://orderentry.chefworks.com/fcpsctc>
- Black Skid-Proof/Oil-Proof Shoes (approx.. \$30.00)
- ServSafe certification exam - \$36.00
- ACF Certification - \$40.00 (2nd year)

Second Year Baking

- Students will need to purchase a tool kit (approx. \$50.00). Details first day of school.

Digital Design & Printing Methods

3" Loose-leaf Binder with Loose-leaf Ruled Note Paper and 10 tabbed dividers
1 Black or Blue Pen, #2 Pencils
Artist's Sketch Book 9" x 6"
16 GB Flash Drive
Closed Toe Rubber Soled Shoes
Hair tie for long hair

Details on the following items will be provided at parent orientation:

- Uniform Shirt - \$20.00
- Printer's Apron - \$18.00
- PrintED Exam - \$11.00
- Adobe Illustrator Exam - \$73.00

Electricity

3-Subject Notebook
Leather Work Boots

Details on the following items will be provided at parent orientation:

- Hardhat - \$9.00
- Uniforms - \$31.00 per set/Minimum 2 set purchase

2nd Year/Level II Journeyman Electrician's hand tool set to include: Approx. \$200.00

- Leather tool pouch w/belt
- #2 & #3 Phillips Screwdrivers
- Assorted Straight Screwdrivers
- Diagonal Cutters
- Side Cutters
- Dual Stripper
- Hammer
- Crimping Tool
- 25' Tape Measure

Environmental Landscape Design & Management

Pen(s) and Pencil(s)
Leather Work Boots
Green Dickies Work Pants
Work Gloves

Approximate amount of above items - \$71.00

Details on the following items will be provided at parent orientation:

- Uniform Shirt - \$16.50 each (2 recommended)
- CPH Exam - \$40.00
- OSHA Exam - \$26.00

HVACR/Plumbing

Details on the following items will be provided at parent orientation. The following supplies are required within the first 2 weeks of school.

Approximate amount of items listed below - \$140.00

- Leather Work Boots
- Coverall/Work Clothes (optional)
- Gloves (sheet metal)
- 16' or greater Measuring Tape
- Hardhat -\$9.00
- #2 Pencils (box)

Homeland Security/Criminal Justice

3 Ring Binder (1) Pens or Pencils
Line Paper
Field Notebooks (2 each) (5" x 3")

Details on the following items will be provided at parent orientation:
Approx. \$76.00

- Uniform Shirt -\$20.00
- Class B program polo shirt - \$26.00
- Program T-Shirt - \$15.00
- Name Tag (available through the school) - \$9.00

The following items may be purchased locally

- Black Dickies Pants Style 874/774
Uniform Pants (2 recommended)
\$ 24.00
- Block Dickies Bridle Belt with Silver Buckle #DI24901 \$ 20.00
- Black T-shirts (2) and Black socks (2 pair)
- Black work shoes (shineable) or tactical boots
- Black long sleeve undershirt
- Black plain sweatshirt or black jacket
- Handcuff key - \$8.00

2nd Year/Level II

First Aid and CPR/AED certification - \$21.00

Physical Rehabilitation

Notebook/paper/pen or pencil

Details on the following items will be provided at parent orientation:

- National Strength Professionals Association Exam - \$156.00
- Program Shirt - \$30.00

Security +

Notebook/paper/pen or pencil
8GB or Larger Flash Drive
Active E-Mail Account
Internet access at home recommended

Details on the following items will be provided at parent orientation:

- Uniform Shirt - \$32.00 each (2 recommended)
- CCENT Exam Fee - \$165.00
- CCNA Exam Fee - \$172.00/\$325.00
- Security+ Exam Fee -\$215.00
- LINUX Lab Fee - \$42.00
- LINUX Certification Exams – \$154.00/\$348.00

Teacher Academy

Lined Paper Blue and Black Pens
1 – 1" Binder and Dividers
1 – 4" Binder (Black or White) with Spine
Label Holder/View Cover
1 – Box Page Protectors
1 – TAM Program Polo - \$30.00
Parapro Test- \$55.00

Television/Multimedia Production

8 x 10 Spiral Notebook
8 GB Flash Drive or larger (recommended)
Internet Access at home recommended

Details on the following items will be provided at parent orientation:

- Uniform details - \$21.00.
- Adobe Premiere ACA Certification Test - \$73.00

Web Technology & Integrated Media

Internet Access at home recommended
3 - 2" Loose-leaf Binders
Paper/Pens or Pencils

Details on the following will be provided at parent orientation:

- Adobe Dreamweaver Exam Fee - \$73.00
- Uniform Shirt - \$25.00 (2 recommended)

Work Study

All work study and intern students will be expected to attend a mandatory orientation on Thursday, August 29th at 5:30 at the Career & Technology Center. Parents Welcome!

English

8 ½ x 11 notebook with 3 dividers
Composition notebook for journal
Lined Paper Blue and Black Pens Pencils

Online classes (English & Math)

All online English & Math students will be expected to attend a mandatory orientation in the fall that was detailed in the student's pre-registration materials.