

FCPS CAREER AND TECHNOLOGY CENTER
2017-2018 Materials List



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

- 3-4" Loose Leaf Binder w/at least 5 dividers
- Watch with a Second Hand

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

- Uniform (Scrubs, jacket, name badge) - \$47.00
- First Aid /CPR Certification fee - \$21.00

2nd Year/Level II – Nurse Assistant

- Uniforms from year 1 (w/option to purchase new uniforms)
- 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)
- CNA/GNA registration /fees/background check - \$163.00

2nd Year/Level II – Medical Assistant

Medical Assistant Certification - \$160.00

Advanced Floral Design

Closed Toe Shoes
Binder, Paper, Pens, Pencils

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

- Uniform Shirt - \$15.50each (2 recommended) \$31.00
- Apron (can be purchased from school) \$47.00
- Floral Shears, Scissors, Floral Knife (can be purchased from school)

Advanced Web Design & Animation

Internet Access at home recommended
3 - 2" Loose-leaf Binders
Paper/Pens or Pencils
Uniform Shirt - \$25.00 (2 recommended)
information available at parent orientation

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
Welding jacket - details will be provided at parent orientation. (\$21.00-\$42.00) two styles available. Must be worn daily
AWS Certification Test - \$103.00 - (2nd year)

Agribusiness

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

Auto Body/Collision Repair

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

1st Year/Level I Approx. \$155.00

- Uniform Shirt - \$26.00 (2 recommended)
- Work Boots – Leather
- Welding Respirator \$24.00
- 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

2nd Year/Level II Approx. \$60.00

- Organic Charcoal Vapor Respirator \$28.00
- ASE Testing Fees – additional \$31.00

Automotive Service Technology

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

- Uniforms - \$52.00 per set/Minimum 2 set purchase
- Leather Work Boots – Oil and slip resistant soles
- ASE Testing Fees - \$31.00 /per year

Approximate amount of items listed below \$164.00

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

Bio Medical Sciences

2 -3" Binders with Dividers
Loose-leaf Paper (100 sheets)
100 vinyl page protectors
Close-Toed Shoes
Jeans or Sweatpants for Lab
Graphing Calculator
4GB Flash Drive
Pencils, Black Ink Pens and Colored Pencils,
Highlighters, Index Cards (optional)
Lab Manual - \$9.00 each (encouraged but
not required)

Carpentry

Leather Work Boots
Work Gloves
Notebook paper/pens & pencils
Construction Master Calculator
Carpenter's Tool Belt and the following tools
1" x 25' or 30' Tape Measure
Hammer - 20 ounce
Nail Set
3/4" Wood Chisel
Speed-Square
Nail Puller
Utility Knife –not w/belt clip-
(Remove ALL Blades)
Chalk Box
8"long – 4 Surface Rasp
Carpenter Pencils
Approximate amount for above items
\$280.00

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

- Hardhat -\$9.00
- Hearing protection - \$6.00 - \$42.00
- Uniforms (2 sets/pants/shirts) - \$62.00-
\$81.00

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)
- Flash Drive -\$5.00 each (1
recommended)
- 1 – C-Thru, clear, or translucent plastic
12" T-square - \$2.00 ea
- 1 – Pencil sharpener - \$1.00 ea
- 1 – Eraser Shield - \$1.50 ea
- 1 – Pink, white, or gum eraser - \$1.00-
\$2.00 ea

- 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 – fine tip/fine point black marker
(sharpie or similar brand) - \$2.00 ea
- 1 – extra fine tip/extra fine point black
marker (sharpie or similar) - \$2.00 ea
- 1 – bin, container, or mesh/plastic bag
to hold your art supplies - \$4.00-\$8.00
ea
Approximate amount of above items -
\$22.00

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)
- 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.

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 - \$170.00
- CCNA Exam Fee - \$170.00
- Security+ Exam Fee -\$212.00

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 - \$205.00 (with discount voucher)

Construction 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

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 - \$646.00
(Current approximate cost for
Cosmetology Kit)
- Uniform Shirt(1) - \$21.00
- Uniform Sweatshirt(1) - \$22.00
- Exam Fee (Approximately) - \$83.00
- Nail Kit - \$42.00

Criminal Justice

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

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

Approx. \$78.00

- Uniform Shirt -\$20.00
- Uniform trousers -\$24.00 (2 recommended)
- Black smooth leather belt -\$19.00

The following items may be purchased locally

- Black T-shirts (2) and Black socks (2 pair)
- Black work shoes (shineable) or tactical boots
- Name Tag (available through the school) - \$6.00

2nd Year/Level II

First Aid and CPR/AED certification - \$21.00
SkillsConnect Criminal Justice Assessment - \$11.00

Culinary Arts

3-ring Large Loose-leaf notebooks
Paper and dividers (20 tab pack)
1 Spiral Notebook with holes
2 black Sharpie pens
Pack of Pens or Pencils
Black Skid-Proof/Oil-Proof Shoes (no Crocs w/holes)

Details on the following will be provided at parent orientation:

- Chef Jacket, pants, and headwear - \$52.00 each set (2 sets suggested)
- ServSafe certification exam - \$73.00
- ACF Certification - \$31.00 (year 2)

Culinary Arts - Baking

3-ring Loose-leaf notebooks with paper and dividers
2 Composition Notebooks
2 pkgs. 3x5 index cards
2 black Sharpie pens
Black Skid-Proof/Oil-Proof Shoes (no Crocs w/holes)

Details on the following will be provided at parent orientation:

- Chef Jacket, pants, and headwear - \$52.00 ea. (2 sets suggested)
- ServSafe certification exam - \$73.00
- ACF Certification - \$31.00 (year 2)

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
8 Gig Flash Drive
Closed Toed Rubber Soled Shoes
Hair tie for long hair

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

- Uniform Shirt - \$16.00
- PrintED Exam - \$11.00

Environmental Landscape Design & Management

3" Ring Loose-leaf Binder
Pen(s) and Pencil(s)
Leather Work Boots
Green Dickies
Work Gloves
Approximate amount of above items - \$71.00
FFA Dues - \$13.00
CPH Exam - \$42.00
OSHA Exam - \$26.00

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

- Uniform Shirt - \$16.00 each (2 recommended)

HVACR/Plumbing

1" Loose-leaf Notebook and Paper, Pencils and Pens

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 - \$146.00

- Leather Work Boots
- Coverall/Work Clothes and Gloves
- Tool Bag
- Red Snips (right cut)
- 25' or 30' Measuring Tape
- Utility Knife
- Torpedo Level
- Channel Locks
- Claw Hammer
- Adjustable Wrench
- 1 #2 Phillips and 1 Straight Screwdriver
- Hardhat -\$9.00
- Uniform set (2 sets/pants/shirts) approximately -\$103.00

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 - \$170.00
- CCNA Exam Fee - \$170.00
- Security+ Exam Fee -\$212.00

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 - \$22.00
Parapro Test- \$55.00

Television/Multimedia Production

8 x 10 Spiral Notebook
8 Gig Flash Drive & Binder (recommended) \$11.00
Adobe Premiere ACA Certification Test - \$73.00
Internet Access at home recommended
Uniform details - \$21.00 will be discussed at the parent orientation.

Work Study

All work study students will be expected to attend a mandatory orientation on Thursday, August 31st 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.