

Equipment /Facilities

Law, Public Safety and Security

Equipment Needs for the Program and Facility Design

Please note: This list of recommended items does not necessarily need to be supported financially by CTE state/federal funding sources. In many cases, local school district funds are used to purchase items on a regular basis.

Computers

Internet connections

Word processing software

Spreadsheet software

Basic publishing software

Presentation software (i.e MS PowerPoint)

Printer

Video Monitor

Seating – adequate for the class size, allowing 20 square feet for each student, to allow for seating and aisles. Example, a class size of 30, would require 600 square feet.

Space to lead instruction – 240 square feet; this is a space in front of the seated students for instruction, audiovisual screen, smart board, teacher computer workstation with furniture, teacher station with desk/storage space and marker board.

Student Computer station space – allowing for access to computers in the classroom is dependent on the design of the curriculum. Some designs may call for one computer per student or a limited number for student access by rotation. Either plan calls for not less than 18 square feet per station. The total space required is dependent on the number of stations. For example, 30 stations would require not less than 540 square feet, while 8 stations would require not less than 144 square feet.

Curriculum Simulations – space is recommended for simulations, problem solving, and project work that do not require the computer station. This space is in addition to the seating, lead instruction, and computer station areas. As an alternative, this space could be shared with the seating space by using relocatable furniture that can serve for seating and simulations. The ideal simulation furniture is table and work surface type. Actual sizes will depend on the choices made for simulations. Some simulations may require space to replicate an emergency call center, dispatch center, crime lad investigations, fingerprinting, and forensic science. To serve $\frac{1}{4}$ of a class of 30 or 8 students at one time, a total of 144 square feet are needed.

These “classrooms” must be able to be set, re-set and re-set again in order to look like a business office, living room, kitchen, bedroom, guard shack, check point, automobile, and any other “real-life” setting a Public Safety and Security professional may find themselves in.

Suggested furniture/ items for simulations:

Collectables, etc
Dishes
Floor lamp
Pictures
Glasses
Pots/pans
Rugs
Table lamps
Telephone
TV

Training aids:

Baton
Duty belt w/ holster/pouches
Flashlight
Gunsafe
Handcuffs (unlockable)
Pepper spray
Radio
Red-guns
Rubber knives
Taser
Videocamera (for simulation feedback and review)

Research/Resource Center – space allocated for storage and student access to reference materials, manuals, and program resources. This requires safe and secure cabinet/closet/storeroom type space with a size that is dependent on the volume of materials and resources to be stored. A general rule for this application is a safe and secure space not less than 6 by 8 feet. This space can also be provided with upright steel/wood lockable cabinets, or wall cabinets. In addition to this safe storage, the Center needs to provide seating and table space for students to use the resources. This may require a table/tables with seating for ¼ of the class size at any one time. For example, a class size of 30 would require access space for seven to eight students. To provide this space, there needs to one seat each and table space, with a total of 144 square feet.

The total space for the program to serve one class session is 1272 square feet. This size would allow for independent spaces for those described above. If space sharing is conducted then the total space requirement can be reduced.

Space Needs	Square Feet	Equipment
Seating	18 square feet per student, 30 students require <u>600 square feet</u> , allowing for seating and aisles.	<ul style="list-style-type: none"> • Table and Chair • Arm chairs
Lead Instruction	<u>240 square feet</u> , with a minimum of 8 feet between front wall and first row of student seating, and a distance of 30 feet across the front of classroom. Other configurations can be designed.	<ul style="list-style-type: none"> • Teacher Station • Marker Board • Electronic Computer/Audio Visual projection system • Teacher computer work station, intra/internet connected
Student Computer station	8 student stations/18 square feet per station, <u>144 square feet</u> .	<ul style="list-style-type: none"> • 8 Computers intra/internet connected and equipped as specified by the program specifications • 8 Computer furniture stations • Simulation software/online service as needed to accommodate the curriculum
Curriculum Simulations	8 student stations @18 square feet per student, <u>144 square feet</u> . Additional space may be needed for larger group seating.	<ul style="list-style-type: none"> • Chair and table arrangements- Specialized simulation stations as specified in the curriculum/pro-gram design- Example – Call center, dispatch, communication center, forensics, crime scene research
Research/Resource Center	8 student stations @18 square feet per student, <u>144 square feet</u> . Additional space may be needed for larger group seating.	<ul style="list-style-type: none"> • Safe/secure storage using storeroom, upright cabinets, wall cabinets, base cabinets- Shelving for resource materials, book, manuals, periodicals, journals • 8 Chair and table seating capacity
	Total Square Feet - 1272	