COLUMBUS STATE

FIRE SCIENCE

Columbus State Fire Academy FIRE1121/FIRE1122

The Fire Science program at Columbus State Community College offers the following options for certification as a Firefighter in Ohio:

- *Firefighter I & II Certification*
- *Fire Professional Associate of Applied Science (AAS) Degree*

Firefighter I & II courses (FIRE 1121 and FIRE 1122) cover the basic performance and knowledge objectives in the current NFPA Standard 1010 for Firefighter II, including but not limited to: fire department organization, safety, fire alarm, fire behavior, extinguishment, ropes, ladders, hose streams, fire control and rescue. **Completion of a Health Record is required PRIOR TO registration.**

Registration for FIRE 1121 requires registration for FIRE 1122, which runs concurrently. Successful completion of FIRE 1121 & FIRE 1122 meets the eligibility requirements to take the State of Ohio certification exam.

Registration for FIRE 1121 and 1122 will go through the department. Contact Karen at khill@cscc.edu once your health record is complete and all holds on your account are resolved.

The State of Ohio requires all students to attend 100% of the course hours. There are **NO EXCEPTIONS** to this rule!

BEFORE scheduling for FIRE 1121 & 1122, you MUST submit a completed Health Record to the College Health Records Office. Registration is blocked until your Health Record is submitted. Plan ahead - the required TB testing may take up to two weeks to complete. You can obtain additional information here: https://www.cscc.edu/services/health-records/.

AUTUMN & SPRING SEMESTER SCHEDULE

16 weeks- Monday thru Thursday 9:00am-3:00 pm

SUMMER SEMESTER SCHEDULE

11 weeks- Monday thru Friday 9:00am-3:00 pm

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The Fire Science Program at Columbus State is chartered by the State of Ohio Department of Public Safety, Division of EMS (Charter #311), to teach at the following certification levels: Volunteer Firefighter, and Firefighter I, Firefighter II.

All students must complete and pass a BCI Background check and drug screening.

Students will be given directions to complete the tests after they have registered in the program. The approximate cost is $120 and is the responsibility of the student.

Approximate Costs for FIRE 1121 and 1122

FOR FINANCIAL AID ASSISTANCE- Search: Financial *Aid* on the main website: www.cscc.edu/ or call their office: 614-287-2648 with any questions.

Current Tuition and Fees can be found: HERE

Approximate Lab Costs	$	350.00
Approximate book costs	$	150.00
Uniforms and Gear*	$	1,500.00
Background check/drug screening	$	120.00

Once registered, you will be notified through your Columbus State email of a MANDATORY orientation and gear and uniform fitting prior to the beginning of class. You must respond to these messages in order to set an appointment time for a gear fitting. Proper fit of your uniform and firefighter protective ensemble is critical to your safety and ability to perform all skills without restrictions caused by garment fit.

Do not attempt to purchase uniforms and turnout gear on your own. Our vendors will fit you for CSCC approved items.

Additional equipment suggested: Knee Pads- these may be purchased at nearly any hardware or big box store for $6 to $60+. Ten-dollar pads work just fine, but they must fit under your bunker pants.

*The total cost includes uniforms, fire boots, fire gloves, and protective hood (all of which you keep) plus the rental firefighter personal protective ensemble and SCBA (turnout or bunker gear- pants, jacket, suspenders, and helmet), and SCBA pack, bottle, and mask, which you do not keep).

Costs are subject to change without notice

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Frequently Asked Questions

Are there daytime and evening Fire Academy options?

Classes are held during daylight hours only. The new Public Safety Facility may position us to offer night classes.

Do I have to be an EMT to enroll in the Fire Academy?

No, you do not need to complete EMT (EMS 1860) training before attending the Fire Academy. Prior to employment in most areas of Ohio you will however need to attain EMT or possibly a Paramedic certification.

What are the admissions criteria to enter the Fire Academy?

The following items must be completed prior to registration for the Fire Academy.

1. Application for admission and acceptance of admission to the College
2. *Health Record compliant with NFPA 1582 completed within the past (1) year
3. *Background & drug screening
4. Driver's license must be valid without restrictions
5. Student must be seventeen years of age to enroll in a secondary or post-secondary Firefighter I and II (Academy) course provided that the student has graduated or is enrolled in the twelfth or final grade in a secondary school program.
6. Have not been convicted of, pled guilty to, or had a judicial finding of guilt for any of the following:
    a. Fraud or material deception in applying for, or obtaining, a certificate issued in accordance with OAC 4765-11-03 (A) (16) and 4765-11-03 (A) (17);
    b. A felony;
    c. A misdemeanor involving moral turpitude;
    d. A violation of any federal, state, county, or municipal narcotics law;
    e. Any act committed in another state, that if committed in Ohio, would constitute a violation set forth in this paragraph

General Grooming Standards

- Students will be clean shaven at the beginning of every Academy class
- Hair will be clean and groomed
- Uniforms will be clean, neat in appearance and always worn properly
- Boots will be polished at the beginning of every class
- No visible body piercings by males or females

What equipment will I need? Where can I buy it?

- All uniforms and equipment are purchased or leased from the College. Firefighter bunker pants, coat and helmet are leased through a local vender and are custom fitted to each student. The firefighter protective hood, gloves and structural firefighting boots are purchased from the same vendor. Once you are accepted into the program, all equipment needs will be covered in detail via email and at the mandatory information session.

What are the essential functions of firefighting?

- While wearing personal protective ensembles and self-contained breathing apparatus (SCBA), performing fire-fighting tasks (e.g., hose line operations, extensive crawling, lifting and carrying heavy objects, ventilating roofs or walls using power or hand tools, forcible entry), rescue operations, and other emergency response actions under stressful conditions, including working in extremely hot or cold environments for prolonged time periods

- Wearing a SCBA, which includes a demand valve–type positive-pressure face piece or HEPA filter masks, which requires the ability to tolerate increased respiratory workloads

- Exposure to toxic fumes, irritants, particulates, biological (infectious) and non-biological hazards, and/or heated gases, despite the use of personal protective ensembles and SCBA

- Depending on the local jurisdiction, climbing six or more flights of stairs while wearing fire protective ensemble weighing at least 50 lb (22.6 kg) or more and carrying equipment/tools weighing an additional 20 to 40 lb (9 to 18 kg)

- Wearing fire protective ensemble including SCBA, that is encapsulating and insulated, which will result in significant fluid loss that frequently progresses to clinical dehydration and can elevate core temperature to levels exceeding 102.2°F (39°C)

- While wearing personal protective ensembles and SCBA, searching, finding, and rescue-dragging or carrying victims ranging from newborns up to adults weighing over 200 lb (90 kg) to safety despite hazardous conditions and low visibility

- While wearing personal protective ensembles and SCBA , advancing water-filled hose lines up to 2 1/2 in. (65 mm) in diameter from fire apparatus to occupancy [approximately 150 ft (50 m)], which can involve negotiating multiple flights of stairs, ladders, and other obstacles

- While wearing personal protective ensembles and SCBA, climbing ladders, operating from heights, walking or crawling in the dark along narrow and uneven surfaces that might be wet or icy, and operating in proximity to electrical power lines and/or other hazards

- Unpredictable emergency requirements for prolonged periods of extreme physical exertion without benefit of warm-up, scheduled rest periods, meals, access to medication(s), or hydration

- Operating fire apparatus or other vehicles in an emergency mode with emergency lights and sirens

- Critical, time-sensitive, complex problem solving during physical exertion in stressful, hazardous environments, including hot, dark, tightly enclosed spaces, that is further aggravated by fatigue, flashing lights, sirens, and other distractions

- Ability to communicate (give and comprehend verbal orders) while wearing personal protective ensembles and SCBA under conditions of high background noise, poor visibility, and drenching from hose lines and/or fixed protection systems (sprinklers)

- Functioning as an integral component of a team, where sudden incapacitation of a member can result in mission failure or in risk of injury or death to civilians or other team members

- Working in shifts, including during nighttime, that can expand beyond 24 hours