



**WAUBONSEE**  
COMMUNITY COLLEGE

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*Health Professions and Public Service*

## **Fire Science Technology**

# **Student Handbook 2024-2025**

Effective 08/15/2024 – 08/14/2025

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***Waubonsee Community College does not discriminate on the basis of race, color, religion, gender, sexual orientation, age, national origin, veteran's status, marital status, disability or any other characteristic protected by law in its programs and activities. For more information on the college's nondiscrimination policies, contact the director of Human Resources at (630) 466-7900, ext. 2367; Waubonsee Community College, Route 47 at Waubonsee Dr., Sugar Grove, IL 60554-9454.***

## 1.0 FACULTY AND STAFF

### **Full Time Faculty**

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### **Instruction Site**

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2200 Galena Rd, Montgomery, IL 60538

### **Administrative Staff:**

Administrative Coordinator for Health Professions and Public Service  
(630) 870-3900  
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***This Student Handbook supplements the Waubonsee Community College Catalog and the Waubonsee Community College Student Handbook. The provisions of this handbook do not constitute a contract, expressed or implied, between any applicant or student and any faculty member of Waubonsee Community College.***

## 2.0 PROGRAM PHILOSOPHY AND GOALS

Welcome to Fire Science Technology at Waubonsee Community College. Firefighters—entry level through chief—work together to respond to a variety of emergency situations. A career in fire safety starts with understanding fire—how to prevent it, how to extinguish it, and how to learn from it.

With a curriculum focused on the behavior and characteristics of fire, environmental policy, equipment, and technology, Waubonsee’s Fire Science Program prepares students to be more competitive and climb the career ladder.

Through a dedicated partnership with Oswego Fire Protection Department, courses provide students with a unique experience that pairs classroom studies and live fire exercises. Courses cover basic and advanced concepts from hands-on techniques to strategic tactics. Science is emphasized, as well as machinery operations, and hazardous materials. Whether you receive an Associate’s Degree or one of our certifications, you’ll be prepared for Office of the Illinois State Fire Marshall certification exams—and an exhilarating future in fire science.

Fire science is about more than firefighting. Safety and prevention join forces with investigation and analysis to form a comprehensive approach to this important public service. With its positive job outlook and promising earning potential, fire science can lead to an exciting and challenging career as a first responder or inspector in a community, national, or international setting.

## 3.0 PROGRAM OUTCOMES

The goal of Waubonsee Community College’s Fire Science Technology program is to produce competent firefighters to serve in volunteer and/or professional career positions in the State of Illinois and area communities. Waubonsee offers three academic pathways:

- Fire Science Technology Associates in Applied Science (Major Code 610A)
- Company Fire Officer Certificate of Achievement (Major Code 613D)
- Firefighter Certificate of Achievement (Major Code 612A)

**NOTE:** Program requirements can be found online at [www.waubonsee.edu/FSC](http://www.waubonsee.edu/FSC) or in the current college catalog.

Most Fire Science courses at Waubonsee are approved by the Office of the Illinois State Fire Marshall (OSFM) for rostered and non-rostered individuals. Coursework prepares students to complete OSFM certification tests after students receive the appropriate experience or other official stated requirements. Certifications include:

- Basic Operations Firefighter
- Advanced Technician Firefighter
- Fire Instructor I
- Hazardous Materials First Responder
- Fire Service Vehicle Operator
- Vehicle and Machinery Operations
- Fire Apparatus Engineer

## 4.0 PROGRAM REQUIREMENTS

Four courses provide the foundation for each academic pathway and are requirements for the AAS and both certificates. These courses include live fire and practical exercises which have special requirements and expectations. Students wear certified turn out gear and must submit documentation of a physical examination and health insurance. Instructors reserves the right to inspect any gear that is brought to class in order to ensure that it meets National Fire Protection Association (NFPA) requirements. Gear that does not pass this inspection will not be permitted to be used in class.

- FSC105 Basic Operations Module A
- FSC115 Basic Operations Module B
- FSC118 Basic Operations Module C
- FSC125 Advanced Technician Firefighter

### 4.1 Non-Rostered Students

Students who do not currently work for a fire department who wish **to enroll in FSC 105, FSC 115, FSC 118 or FSC 125 must submit the following** to the course instructor on the first day of class. Failure to turn in these documents by the date designated by the instructor will result in automatic withdrawal from the course:

- Medical Clearance signed by primary physician (*Appendix VI*)
- OSHA Respirator Medical Evaluation Questionnaire (*Appendix V*)
- Proof of current health insurance
- Release of liability form (*Appendix IV*)

### 4.2 Rostered Students

Students rostered by a fire department that **wish to enroll in FSC 105, FSC 115, FSC 118, or FSC 125 must provide following** to the course instructor on the first day of class. Failure to turn in these documents by the date designated by the instructor will result in automatic withdrawal from the course:

- Letter from fire chief attesting to rostered status
- FIT test record for SCBA (within 12 months - Only required if you will be bring your own SCBA)
- Proof of current health insurance or copy of department's liability insurance
- Release of liability form (*Appendix IV*)

### 4.3 Prior Learning Credit

Waubonsee accepts certifications and courses recorded with OSFM as prior learning credit toward the Fire Science Technology Associates in Applied Science. Requests are evaluated individually with OSFM transcripts. For more information, contact [HPPS@waubonsee.edu](mailto:HPPS@waubonsee.edu).

If you are licensed as an Emergency Medical Technician-Basic or Paramedic, Waubonsee may award prior learning credit toward elective requirements for the Fire Science AAS. Contact [HPPS@waubonsee.edu](mailto:HPPS@waubonsee.edu) for information.

## 5.0 COURSE CRITERIA

### 5.1 Passing Grade

Students must receive a grade of 70% or better for each course to be eligible for certification testing, per OSFM requirements. See individual course syllabus for details and requirements.

### 5.2 Attendance

OSFM enforces specified hours of attendance. Unless otherwise indicated by the instructor and course syllabus, **students may not miss more than 4 hours of class (lecture/didactic) time** in order to comply with state certification requirements. Saturday lab days are **mandatory** to meet certification requirements – **missed hours cannot be made up**. It is each student's responsibility to meet the requirements detailed in the course syllabus.

### 5.3 Deadlines

Assignments are due on the date indicated by the instructor to receive full credit. All assignments must be submitted to meet course requirements per instructor deadlines and course syllabi.

### 5.4 Missed Information/Assignments/Exams

Students are responsible for obtaining missed information, announcements, and assignments, and for submitting all work due per instructor deadlines and course syllabi.

### 5.5 Academic Dishonesty

Each student is expected to be honest in completion of coursework. Instructors regard dishonesty in assignments, examinations, or other academic work as a serious offense. A student who cheats is subject to discipline at the discretion of the lead instructor. Cheating will NOT be tolerated and will result in an automatic failing grade for that assignment. If cheating is an ongoing problem the student will be dismissed from the program.

### 5.6 Class Cancellations or Changes

Students should refer to instructors and syllabi regarding class cancellations. College closures will be announced via the college email/phone notification system and mywcc. Students may also check the WCC homepage for current announcements. Students will be notified of any change in course delivery or modality through the Waubensee website, mywcc, and student email per college protocol. Students should always check with instructors to confirm procedure after changes are announced.

### 5.7 Course-Specific Policies

In addition, there may be course-specific policies. The student is required to follow the criteria outlined in the course syllabus, by the course instructor.

## 6.0 HEALTH REQUIREMENTS

Waubonsee Community College (WCC) takes all precautions to provide safe training experiences for all students. However, it is not possible to eliminate all possible hazards to participant safety. Before any individual participates in a training program involving live fire or practical skills, they must have a medical clearance and documented insurance in order to ensure that they are sufficiently healthy to participate in the course.

### 6.1 Health Insurance

Non-rostered students are required to submit evidence of a personal health insurance policy to the course instructor by the first day of class. Rostered students may submit personal health insurance OR department liability insurance.

Failure to submit the required documents by the date designated will result in the student being unable to participate in hands on skills and being unable to complete the requirements of the course.

### 6.2 Respiratory Fit Testing and Medical Clearance – Non-Rostered Students

By registering and intending to complete Fire Science Technology courses at Waubonsee Community College, non-rostered students accept the responsibility to receive a physical examination by a licensed physician in order to prove ability to use a respirator, and sufficient health to participate in live fire exercises.

Students must submit the OSHA Respirator Evaluation (Appendix VII) and Physician Medical Clearance (Appendix VIII) as acknowledgements of sufficient health to participate in training and wear a respirator. Students who are not able to produce the required documentation from a physician stating that they are in sufficient health to perform training or wear a respirator will not be permitted to complete the course.

Respirators are an effective method of protection against designated hazards when properly selected and worn. Respirator use is required during the fire science program. However, if a respirator is used improperly or not kept clean, the respirator itself can become a hazard to the worker. Sometimes, workers may wear respirators to avoid exposures to hazards, even if the amount of hazardous substance does not exceed the limits set by OSHA standards. If your Instructor provides respirators for your voluntary use, or if you provide your own respirator, you must take certain precautions to be sure that the respirator itself does not present a hazard.



## 7.0 CHANGES IN HEALTH STATUS

Health Professions and Public Service staff and administration reserve the right to request a physical or mental examination following a change in health status that occurs during the course. A student who has had surgery, childbirth, extended illness, newly diagnosed or chronic illness, or an accident must obtain signed consent from a licensed physician/primary health care provider to participate in hands on practicals **without limitations or restrictions**.

It is the responsibility of the student to report changes in health status and provide official documentation that the student can participate without restrictions. Any student that experiences a change in health status and does not follow the reporting/ documentation policy outlined in this paragraph may be withdrawn or dismissed from the course.

**Waubonsee Community College assumes no responsibility and is not liable if there is a negative impact/outcome or injury.**

### 7.1 Pregnancy

In the event a student becomes pregnant during the program, they are advised to contact their physician/primary healthcare provider to obtain a medical release to continue in the course without limitations or restrictions. There are potential health risks to both the mother and the fetus while performing various activities in Fire Science courses. Although we recognize the protected status of this information, students are encouraged to disclose pregnancies to course faculty.

### 7.2 Use of Prescribed Medications

It is the student's responsibility to discuss with a licensed primary health care provider whether a medically prescribed drug may affect clinical performance. Students must report the use of such drugs or other substances which may impair clinical performance to the instructor. Failure to report the use of such drugs or substances or failure to provide proper evidence of medical authorization for use may result in the student's termination from the program. Proper evidence of medical authorization is a note signed by the physician stating that the student may participate in the program **without limitations or restrictions** and that the medication will not interfere in the student's performance.

While the use of medical marijuana (cannabis) is allowed in Illinois Cannabis Regulation and Tax Act, **Fire Science courses follow the Waubonsee Student Handbook for marijuana use. There is a zero tolerance for marijuana on campus or participating in college-sponsored program.**

## 8.0 RESPONSIBILITIES AND EXPECTATIONS

Waubonsee Community College's Health Profession and Public Service division acknowledges its responsibility to educate its students while maintaining the public trust. The rights, responsibilities, and conduct of all students are described in the current Waubonsee Community College Student Handbook.

Fire Science students have additional responsibilities as a member of the public service profession to ensure the emotional and physical safety of peers during the educational process. Responsibilities and expectations include, but are not limited to:

- Arriving dressed in the full required uniform with required stated equipment, prepared to participate responsibly and safely.
- Seeking the assistance of instructors before proceeding with new, unfamiliar, or uncertain activities.
- Following policies, procedures, and affiliation guidelines of training location(s).
- Being physically and emotionally capable of effective, safe performance. If instructors determine that a student's behavior places anyone at risk for physical or psychological injury, that student may be dismissed.

***Any violation of these established standards may result in the immediate removal from the site and/or the course.***

### 8.1 Use of Chemical Substances

Per the Waubonsee Community College Student Handbook, public intoxication and the use, possession, or distribution of a narcotics, alcohol, or other chemical substances while on college premises, off-campus instructional sites, or at college-sponsored or supervised functions is prohibited. This pertains to Fire Science didactic lectures on campus and attendance at Fire Protection District training sites.

Any student who places a peer or instructor in either physical or emotional jeopardy due to the use of undocumented (including medications required by student's health care provider) chemical substances will be immediately removed from the clinical setting, and will be subject to the conditions described in Section 13.0 Physical or Emotional Jeopardy.

## 9.0 EQUIPMENT AND SUPPLIES

FSC 105, FSC 115, FSC 118, and FSC 125 require the following supplies. **All necessary equipment can be loaned from the college at no cost to the student.** Without these supplies, students will not be allowed to participate in practical skills, and thus will not be able to pass the course. All equipment, supplies, and apparel shall comply with the National Fire Protection Association (NFPA). Non-rostered persons are responsible for maintaining these items in proper working condition, and reporting any defects or malfunctions immediately to the instructor so that proper safety precautions are taken.

### 9.1 Personal Protective Equipment

- Firefighter helmet with eye protection
- Fire-resistant hood

- Fire-resistant coat
- Fire-resistant pants
- Firefighter boots
- Firefighter gloves
- Safety glasses (Must meet ANSI standards)
- Ear plugs

## 9.2 Training Supplies

- Nylon webbing
- Gear bag

## 9.3 SCBA Gear

A Self-Contained Breathing Apparatus (SCBA) is required for practical courses. Rostered students may bring your own, with required proof of fit testing. For non-rostered students, SCBA gear will be provided, with fit testing occurring during class. Non-rostered students must complete a physical with proof of ability to use a respirator (*Appendix V*).

Course instructors reserves the right to inspect any SCBA gear that is brought to class by students. All SCBA equipment must have current hydrostatic testing and meet NFPA requirements. Gear that does not pass this inspection will not be permitted to be used in class.

## 10.0 DRESS CODE

Each student is required to dress appropriately for each class, including lecture and practical skills sessions. This includes the following:

- **ONE** of the following shirt options (purchasing information will be given on the first day of class):
  - Waubonsee logo T-shirt “True Red” – available at the WCC Bookstore
  - Waubonsee Fire Science T-shirt – available via order form from the instructor
  - Plain Red T-shirt, no logo, no pocket
- Navy blue work pants
- Belt (black, leather with plain buckle)
- Shoes or boots (black, public safety or work boot style)
- Socks (black or navy blue without logos or markings).

## 11.0 SMOKING/VAPING/TOBACCO

Students shall adhere to the smoking, vaping, and marijuana policies established by Waubonsee during lecture classes and by each facility during clinical hours. These policies must be followed or the student will be subject to disciplinary action, including possible expulsion from the course. Chewing tobacco will not be allowed in the classroom or in any clinical setting.

Waubonsee Community College abides by the Drug-Free Schools and Communities Act. See the Waubonsee Student Handbook.

## 12.0 STUDENT GRIEVANCE(S) AND/OR GRADE APPEAL(S)

The purpose of the student grievance procedure/grade appeal is to ensure students due process in the resolution of student complaints. The student grievance procedure, and/or grade appeal procedure, is delineated in the Waubensee Community College Student Handbook.

## 13.0 PERSONAL AND PROFESSIONAL LEGAL, MORAL, AND ETHICAL BEHAVIORS

Students enrolled in Fire Science courses are expected to display conduct in accordance to the legal, moral, and ethical standards of the health care field and the community:

- Each student is accountable for individual behavior and is expected to act in a responsible, mature manner that reflects the qualities of honesty, integrity, courtesy, reliability, and responsible interpersonal skills. Profanity, derogatory comments, and emotional responses which inhibit learning or effective functioning will not be permitted. Such conduct may be referred to the Waubensee Student Conduct Board for consideration.
- Harassment based on race, color, religion, gender, sexual orientation, age, national origin, veteran's status, marital status, disability, or any other characteristic will not be permitted.
- Student behavior must not interfere with agency/staff/faculty relationships.
- Honesty is expected of all students both in the classroom and clinical setting. Acts of lying, cheating, plagiarism, forgery, alteration, and/or falsification of clinical/laboratory documents, written work, or academic records will not be permitted.

Failure to comply with the above legal, moral, and ethical standards may result in dismissal from the course. **Such conduct is in violation of the Waubensee Code of Student Conduct as described in the Waubensee Community College Student Handbook and will be referred to the Waubensee Student Conduct Board for consideration.**

## 14.0 PHYSICAL OR EMOTIONAL JEOPARDY

Students who place peers or instructors in emotional and/or physical jeopardy may be dismissed from lecture and/or clinical site, and possibly dismissed from the course.

Physical or emotional jeopardy is described as, but is not limited to (either intentional or unintentional): causing harm or injury, placing one at risk for harm or injury, causing one emotional distress, disregard for safety of others, placing other's physical or emotional health in jeopardy for own personal advancement or gain (e.g., falsifying documents, not reporting errors/incidents, failure to report status to instructor/supervisor).

Student incidents involving placing others in physical or emotional jeopardy may be submitted to the Dean for Student Development and the Waubensee Student Conduct Board for consideration.

## 15.0 STUDENT RESPONSIBILITY TO REPORT

It is the responsibility of any student who observes or has direct knowledge of another student in a condition which impairs the ability to perform clinical/laboratory/medical duties, or poses a hazard to the safety and welfare of others, to promptly report the incident to the course instructor.

## 16.0 APPENDIX I – NON-ROSTERED STUDENT CHECKLIST

### **Enrollment Checklist for Non-Rostered Persons FSC105, FSC115, FSC118, or FSC125**

Each student must submit the appropriate documentation to their instructor on the first day of the class. to the course instructor office on the first day of class. Failure to turn in these documents will result in automatic withdrawal from the course:

\_\_\_\_\_ Acknowledgement of Conditions and Release of Claims by Students

\_\_\_\_\_ Acknowledgement of State Exam Guidelines by Non-Rostered Persons

\_\_\_\_\_ Medical Exam Requirements for Practical Skills including proof of ability to wear a respirator

\_\_\_\_\_ General Waiver Form

\_\_\_\_\_ Proof of major medical/health insurance

\_\_\_\_\_ OSHA Respirator Medical Evaluation Questionnaire and Physical signed by Physician

\_\_\_\_\_ Purchased appropriate equipment, supplies, and uniform

Contact 630-870-3900 or [HPPS@waubonsee.edu](mailto:HPPS@waubonsee.edu) with questions. Failure to turn in these documents by the Date designated by the date instructor will result in the student being unable to participate in hands on skills and being unable to complete the requirements of the course.

## 17.0 APPENDIX II – ROSTERED STUDENT CHECKLIST

### **Enrollment Checklist for Rostered Persons FSC105, FSC115, FSC118, or FSC125**

Each student must submit the appropriate documentation to their instructor on the first day of the class. to the course instructor office on the first day of class. Failure to turn in these documents will result in automatic withdrawal from the course:

\_\_\_\_\_ Acknowledgement of Conditions and Release of Claims by Students

\_\_\_\_\_ General Waiver Form

\_\_\_\_\_ Proof of major medical/health insurance or liability insurance

\_\_\_\_\_ Fit test record for SCBA (if you will be bringing your own department SCBA)

\_\_\_\_\_ Letter from Fire Chief attesting to rostered status

\_\_\_\_\_ Appropriate equipment, supplies, and uniform

Contact 630-870-3900 or [HPPS@waubonsee.edu](mailto:HPPS@waubonsee.edu) with questions. Failure to turn in these documents by the date designated by the instructor will result in the student being unable to participate in hands on skills and being unable to complete the requirements of the course.

## 18.0 APPENDIX III – ACKNOWLEDGEMENTS OF CONDITIONS AND RELEASE OF CLAIMS



### Fire Science Technology Program – Acknowledgement of Conditions and Release of Claims

Waubonsee Community College (WCC) takes all precautions to provide safe training experiences for all students. However, it is not possible to eliminate all possible hazards to participant safety. Before any individual participates in a training program involving live fire or practical skills instruction, they should be familiar with the physical stress and hazards involved. Fire Science students are required to read the following explanations of the physical and mental effects of this training. Students who cannot comply with these requirements will not be allowed to participate in any training that involves physical exertion or the use of personal protective equipment. This is necessary to ensure the personal well-being and safety of all participants. **The undersigned individual acknowledges the following:**

1. Firefighter training is a physically and mentally stressful activity that involves: physical exertion; exposure to toxic atmospheres, high temperatures, and humidity levels; working at heights and in confined spaces; elevated body temperatures; increased pulse rates, respiration, and blood pressures; and, reactions to emergency situations.
2. Participants who are pregnant or have heart disease, lung disease, hypertension, or other medical or mental conditions that may affect their health and safety under live fire conditions are required to consult with a physician before participating in any live fire training activity at Waubonsee Community College. Evidence of the ability to meet the Illinois Department of Labor Respirator Wearers physical evaluation may be required.
3. Participants must utilize protective clothing and self-contained breathing apparatus that satisfy National Fire Protection Association standards.
4. Participants with facial hair, jewelry, or any other impediment to the proper seal of the face-piece on self-contained breathing apparatus will not be allowed to participate in training evolutions where the atmosphere is toxic or may become so.
5. Participant use of alcohol or any other drug that affects mental or physical reactions immediately preceding, or during, training is prohibited.
6. Waubonsee Community College may use the image or likeness of any participant, as contained in a photograph or digital format, in advertising, promotional, or instructional materials without compensation.

Participants agree that the work to be performed under this Agreement will be entirely at their own risk. Participants agree to indemnify and hold harmless Waubonsee Community College and its members, including the Board of Trustees, for any and all injury, liability, or loss arising in any way out of the performance of this agreement.

**I certify that I have read and understand this Acknowledgment of Conditions and Release of Claims as stated in the Fire Science Handbook.**

Student Name (*print*): \_\_\_\_\_ X Number: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_





## 19.0 APPENDIX IV – PROGRAM ACKNOWLEDGEMENTS



### Fire Science Technology Program

#### **Acknowledgement of OSFM Testing and Ineligibility for Certification by Non-Rostered Persons**

Upon successful completion of FSC 105, 115 or 118 a student will be eligible to take the OSFM state certification exam. Students must contact the full time Fire Science faculty to request to be signed up for an OSFM exam. Upon successfully passing the exam it will be noted on the students OSFM record that they have passed the exam. The student will NOT however be able to apply for OSFM certification. Pursuant to guidelines that govern the Office of the Illinois State Fire Marshal (OSFM), a candidate for State Certification must be engaged in firefighting in an organized Illinois fire department as a fire protection person or trainee as attested to by the employing Illinois fire chief of the individual seeking firefighter certification. Therefore, non-rostered persons who successfully complete the Waubonsee Community College's fire science technology Basic Operation Firefighter courses are eligible to challenge the state exam, however, they are not eligible as candidates for state certification. Pursuant to OSFM guidelines, students completing FSC 125 are not eligible to take the state exam, or become certified, until they are rostered on a Fire Department.

Non-rostered persons will receive the following upon the completion of the course:

- A Certificate of Completion
- Documentation of successful completion of practical skills exercises completed in the Waubonsee Community College Fire Science Technology program.

The documentation listed above will enable a non-rostered person who subsequently becomes engaged in firefighting in an organized Illinois fire department, as attested to by the employing Illinois fire chief, to seek firefighter certification, pursuant to the guidelines that govern the Office of the Illinois State Fire Marshal. It is the students' responsibility to contact Waubonsee Community College in order to have their transcript sent to the OSFM.

#### **Acknowledgement of Basic Operations Firefighter Course Completion**

A student will not be listed on a course completion roster with the Office of the State Fire Marshal (OSFM) until they have successfully completed FSC 105, FSC 115 and FSC 118. A student must also successfully complete all practicals to be placed on a course completion roster. Practical completed on Saturday lab days will not be able to be made up at a later date if missed.

**I certify that I have read and understand this Acknowledgment of Ineligibility for State Exam by Non-Rostered Persons, as stated in the Fire Science Handbook. Furthermore, I understand that my status as a non-rostered person who successfully completes Waubonsee Community College fire science courses does not make me eligible as a candidate for State examination.**

\_\_\_\_\_  
Student Name *(please print)*

\_\_\_\_\_  
X Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



## 20.0 APPENDIX V – LIABILITY WAIVER AND RELEASE



### Fire Science Technology – Liability Waiver and Release

I, \_\_\_\_\_ hereby acknowledge that I have elected to participate in the following program: Fire Science Technology (“Program”) offered by Waubonsee Community College (“College”). I understand that I am not required to participate in the Program even though I may receive academic credit for participation. In consideration for being permitted to participate in the Program, the sufficiency of which is hereby acknowledged, I agree as follows:

1. I acknowledge that I make this waiver on a voluntary basis and I hereby acknowledge my awareness that my participation in the Program may expose me to risk of property damage and bodily or personal injury, including death. I understand that the staff will do everything possible to prevent any accidents over which they have control. However, I fully understand that participation in the Program involves inherent risks regardless of all safety measures that may be taken by the College staff. I understand that the risks I may encounter may vary depending on the program and can range from minor to catastrophic, including accidents, possibly including travel related accidents; cuts, bruises, broken bones, sickness, and other injuries and health-related occurrences; criminal acts and/or terrorism, as well as other risks that may not be foreseeable. I know of no medical reason why I should not participate in the Program. I have or will secure comprehensive health and accident insurance to provide adequate coverage for any injuries or illness that I may sustain or experience while participating in the Program.
2. I, individually, and on behalf of my heirs, successors, assigns, and personal representatives, hereby release and forever discharge, and agree to indemnify and hold harmless, the College and its governing board of trustees, their members individually, and its officers, agents, and employees (in their official and individual capacities) from any and all claims, demands, rights, or the consequences thereof, foreseen and unforeseen, arising from and by reason of any known or unknown property damage, or bodily and personal injuries resulting from my participation in or in any way connected with the Program, including, but not limited to, resulting from any acts of negligence on the part of the College, its trustees, officers, employees, or agents.
3. In the event I am incapacitated I authorize the College, or any staff member, to obtain emergency care for me when such person reasonably believes such care to be necessary, including without limitation anesthetic and surgical treatment, as may be determined by the attending physician. Neither the College nor its employees and agents shall be responsible or liable for any costs, expenses, or damages I may incur as a result of the College acting pursuant to this grant of authority.

**I acknowledge that my participation in this activity is not covered under the insurance of the College. I have read this entire Release. I fully understand it and I agree to be legally bound by it.**

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent/Guardian Signature (if under 18): \_\_\_\_\_

Date: \_\_\_\_\_



## 21.0 APPENDIX VII – OSHA RESPIRATOR MEDICAL EVALUATION



### Fire Science Technology Program – OSHA Respirator Evaluation

**Appendix C to Sec. 1910.134: OSHA Respirator Medical Evaluation Questionnaire (Mandatory – Federal Form)**  
**[63 FR 1152, Jan. 8, 1998; 63 FR 20098, April 23, 1998; 76 FR 33607, June 8, 2011; 77 FR 46949, Aug. 7, 2012]**

#### To the Physician:

The answers to these questions should guide your physical exam for this individual. They will be challenged physically and mentally during Fire Science Technology courses. They will be required to lift and carry bodies; lift and carry ladders; lift and carry auto extrication equipment; work in an environment over 300F; rain; cold; wind; snow; and ice. They will be required to do this work with approximately 75lbs of equipment on them for up to 4 hours each day.

#### To the student:

Bring this form to your primary care physician or other Licensed Health Care Professional to review with you. You must return this form to the Fire Science Technology Program office with the Physical Examination Form.

#### **Part A. Section 1. (Mandatory)**

The following information must be provided by every student who has been selected to use any type of respirator (please print).

1. Today's date: \_\_\_\_\_
2. Your name: \_\_\_\_\_
3. Your age (to nearest year): \_\_\_\_\_
4. Sex (circle one): Male/Female
5. Your height: \_\_\_\_\_ ft. \_\_\_\_\_ in.
6. Your weight: \_\_\_\_\_ lbs.
7. Your job title: \_\_\_\_\_
8. A phone number where you can be reached by the health care professional who reviews this questionnaire (include the Area Code): \_\_\_\_\_
9. The best time to phone you at this number: \_\_\_\_\_
10. Has your Instructor told you how to contact the health care professional who will review this questionnaire (circle one): Yes/No

11. Check the type of respirator you will use (you can check more than one category):
- \_\_\_\_\_ N, R, or P disposable respirator (filter-mask, non-cartridge type only).
  - \_\_\_\_\_ Other type (for example, half- or full-facepiece type, powered-air purifying, supplied-air, self-contained breathing apparatus).

12. Have you worn a respirator (circle one): Yes/No

If "yes," what type(s): \_\_\_\_\_  
\_\_\_\_\_

**Part A. Section 2. (Mandatory)**

Questions 1 through 9 below must be answered by every student who has been selected to use any type of respirator. Please circle "yes" or "no" in your answers.

- Do you **currently** smoke tobacco, or have you smoked tobacco in the last month: Yes/No
- Have you **ever** had any of the following conditions?
  - Seizures: Yes/No
  - Diabetes (sugar disease): Yes/No
  - Allergic reactions that interfere with your breathing: Yes/No
  - Claustrophobia (fear of closed-in places): Yes/No
  - Trouble smelling odors: Yes/No
- Have you **ever** had any of the following pulmonary or lung problems?
  - Asbestosis: Yes/No
  - Asthma: Yes/No
  - Chronic bronchitis: Yes/No
  - Emphysema: Yes/No
  - Pneumonia: Yes/No
  - Tuberculosis: Yes/No
  - Silicosis: Yes/No
  - Pneumothorax (collapsed lung): Yes/No
  - Lung cancer: Yes/No
  - Broken ribs: Yes/No
  - Any chest injuries or surgeries: Yes/No
  - Any other lung problem that you've been told about: Yes/No
- Do you **currently** have any of the following symptoms of pulmonary or lung illness?
  - Shortness of breath: Yes/No
  - Shortness of breath when walking fast on level ground or walking up a slight hill or incline: Yes/No
  - Shortness of breath when walking with other people at an ordinary pace on level ground: Yes/No
  - Have to stop for breath when walking at your own pace on level ground: Yes/No
  - Shortness of breath when washing or dressing yourself: Yes/No
  - Shortness of breath that interferes with your job: Yes/No
  - Coughing that produces phlegm (thick sputum): Yes/No
  - Coughing that wakes you early in the morning: Yes/No
  - Coughing that occurs mostly when you are lying down: Yes/No
  - Coughing up blood in the last month: Yes/No

- k. Wheezing: Yes/No
  - l. Wheezing that interferes with your job: Yes/No
  - m. Chest pain when you breathe deeply: Yes/No
  - n. Any other symptoms that you think may be related to lung problems: Yes/No
5. Have you **ever** had any of the following cardiovascular or heart problems?
- a. Heart attack: Yes/No
  - b. Stroke: Yes/No
  - c. Angina: Yes/No
  - d. Heart failure: Yes/No
  - e. Swelling in your legs or feet (not caused by walking): Yes/No
  - f. Heart arrhythmia (heart beating irregularly): Yes/No
  - g. High blood pressure: Yes/No
  - h. Any other heart problem that you've been told about: Yes/No
6. Have you **ever** had any of the following cardiovascular or heart symptoms?
- a. Frequent pain or tightness in your chest: Yes/No
  - b. Pain or tightness in your chest during physical activity: Yes/No
  - c. Pain or tightness in your chest that interferes with your job: Yes/No
  - d. In the past two years, have you noticed your heart skipping or missing a beat: Yes/No
  - e. Heartburn or indigestion that is not related to eating: Yes/No
  - f. Any other symptoms that you think may be related to heart or circulation problems: Yes/No
7. Do you **currently** take medication for any of the following problems?
- a. Breathing or lung problems: Yes/No
  - b. Heart trouble: Yes/No
  - c. Blood pressure: Yes/No
  - d. Seizures: Yes/No
8. If you've used a respirator, have you **ever** had any of the following problems? (If you've never used a respirator, check the following space and go to question 9:)
- a. Eye irritation: Yes/No
  - b. Skin allergies or rashes: Yes/No
  - c. Anxiety: Yes/No
  - d. General weakness or fatigue: Yes/No
  - e. Any other problem that interferes with your use of a respirator: Yes/No
9. Would you like to talk to the health care professional who will review this questionnaire about your answers to this questionnaire? Yes/No
- Questions 10 to 15 below must be answered by every student who has been selected to use either a full-face piece respirator or a self-contained breathing apparatus (SCBA). For students who have been selected to use other types of respirators, answering these questions is voluntary.
10. Have you **ever** lost vision in either eye (temporarily or permanently): Yes/No
11. Do you **currently** have any of the following vision problems?
- a. Wear contact lenses: Yes/No

- b. Wear glasses: Yes/No
- c. Color blind: Yes/No
- d. Any other eye or vision problem: Yes/No

12. Have you **ever** had an injury to your ears, including a broken ear drum? Yes/No

13. Do you **currently** have any of the following hearing problems?

- a. Difficulty hearing: Yes/No
- b. Wear a hearing aid: Yes/No
- c. Any other hearing or ear problem: Yes/No

14. Have you **ever** had a back injury: Yes/No

15. Do you **currently** have any of the following musculoskeletal problems?

- a. Weakness in any of your arms, hands, legs, or feet: Yes/No
- b. Back pain: Yes/No
- c. Difficulty fully moving your arms and legs: Yes/No
- d. Pain or stiffness when you lean forward or backward at the waist: Yes/No
- e. Difficulty fully moving your head up or down: Yes/No
- f. Difficulty fully moving your head side to side: Yes/No
- g. Difficulty bending at your knees: Yes/No
- h. Difficulty squatting to the ground: Yes/No
- i. Climbing a flight of stairs or a ladder carrying more than 25 lbs: Yes/No
- j. Any other muscle or skeletal problem that interferes with using a respirator: Yes/No



22.0 APPENDIX VIII – PHYSICIAN MEDICAL CLEARANCE FORM



**Fire Science Technology  
Physician Medical Clearance**

\_\_\_\_\_ (*student name*) is preparing to attend Fire Science Technology courses at Waubonsee Community College. These courses are designed to expose the applicant to all of the rigors of fire suppression. The student will be involved in, but not limited to, the following examples of severe physical exertion:

- A. Physical Training consisting of running, sit-ups, pushups, etc.
- B. Carrying heavy weights including hose, vent fans, 150lb mannequins
- C. Climbing 100' ladders, Confined Space Entry
- D. Extensive use of self-contained breathing apparatus
- E. Entry into and working in encapsulating suits
- F. Similar forms of physical exertion

The student must be in physical condition to accomplish and sustain this type of physical rigor throughout the course.

In my medical opinion, \_\_\_\_\_ (*student name*)

\_\_\_\_\_ IS MEDICALLY/PHYSICALLY CAPABLE  
\_\_\_\_\_ IS NOT MEDICALLY/PHYSICALLY CAPABLE

of attending and participating in the rigorous physical activity of the Fire Science Technology program.

\_\_\_\_\_  
Physician Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Office Address

\_\_\_\_\_  
Office Phone

**If further information is desired concerning Medical Requirements for Firefighters, please refer to the National Fire Protection Association Standard 1582, or contact the lead course instructor.**