



New Hampshire
Fire Standards and Training Commission
Curriculum Committee

Fire Inspector Program Overview



Agenda

Structure

Testing

Enrollment

Evaluations

This orientation will cover the following topics:

- (1) Overview of the structure of the program;
- (2) The focus of the Visiting Committee as declared by the Commission when the Committee was established;
- (3) Program prerequisites and program requirements for testing;
- (4) Current course schedule format;
- (5) Summary of student evaluations;
- (6) Summary of past enrollment status;
- (7) Historical number of training programs offered;
- (8) Historical pass rates for certification examinations;
- (9) Any additional information requested by the Commission specific the curriculum.



Program Structure

Inspector I

Length: 48 Hours
6 Weeks

Format: Blended/Hybrid

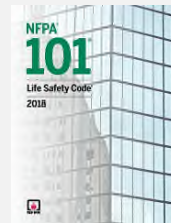
Pre-reqs: None

Inspector II

Length: 36 Hours
5 Weeks

Format: Blended/Hybrid

Pre-reqs: Inspector I



Inspector I:

- 6 weeks total length.
- 48 curriculum hours.
 - * **Note** that curriculum hours do not include orientation or testing. The current course condenses the curriculum into 38-40 hours.
- Primarily in-person course with online quizzes and writing assignments.
- No prerequisite certifications. Applicants must be 18 years of age.
- Textbook provided: J&B Fire Inspector. Additionally, students are loaned copies of NFPA 1 and 101.

Inspector II:

- 5 weeks total length.
- 36 curriculum hours (4½ 8-hour days).
 - * **Note** that curriculum hours do not include orientation or testing.
- Primarily in-person course with online quizzes and writing assignments.
- No prerequisite certifications. Applicants must be 18 years of age.
- Textbook provided: J&B Fire Inspector. Additionally, students are loaned copies of NFPA 1 and 101.



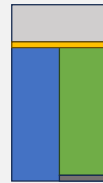
Enrollments

Inspector I



Applied	181
Enrolled	176
Waitlisted	5
Missing Reqs	0
Complete	159
Fail	0
Withdrew	16

Inspector II



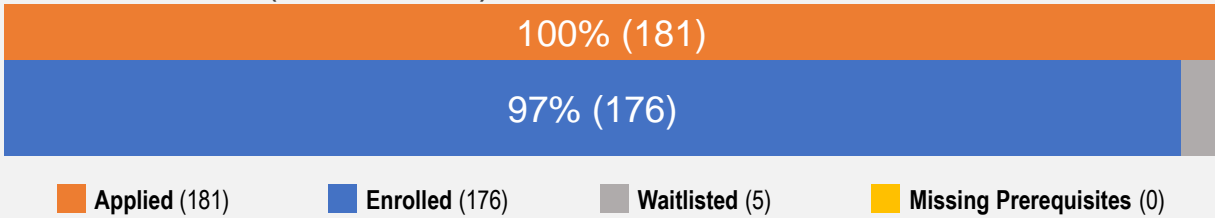
Applied	67
Enrolled	51
Waitlisted	14
Missing Reqs	2
Complete	49
Fail	0
Withdrew	2

In the time these courses have been offered, no student has ever failed.

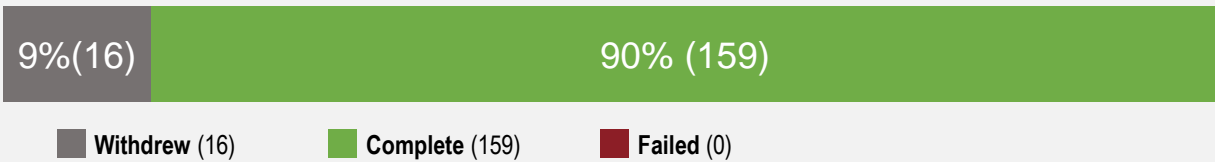


Enrollments - Inspector I

Matriculation (2021-2024)



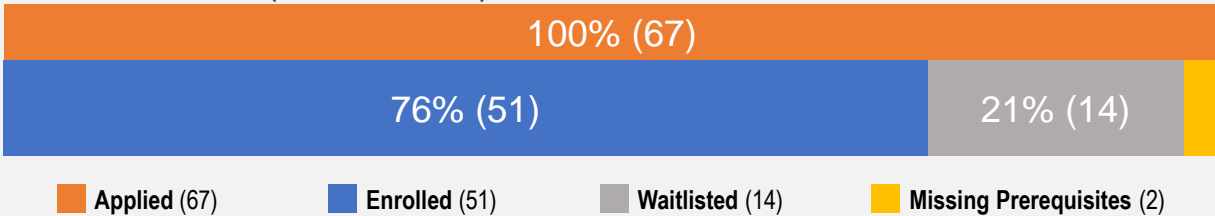
Attrition



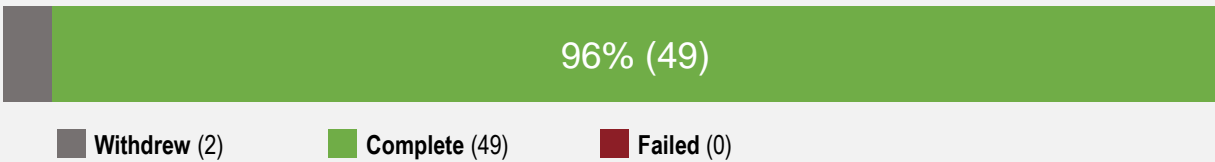


Enrollments - Inspector II

Matriculation (2022-2024)



Attrition



Note: The course in 2022 was cancelled due to low enrollment.



Testing

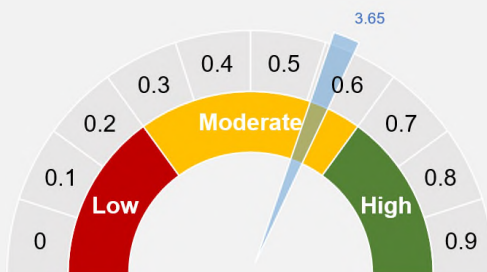
Inspector I

Candidates 159
Pass Rate 79%
Average Score 74.4

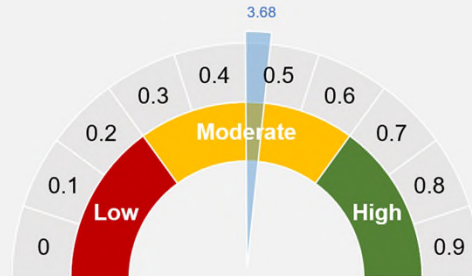
Inspector II

Candidates 73
Pass Rate 85%
Average Score 76

Reliability and Error



Reliability and Error



"The final exam was focused on minute specifics of this, a lot of which were never discussed in class. Certain exam questions were constructed in a way that did not actually test the knowledge or understanding of the topic." Student feedback.

Test Item Analysis

70% of questions have a low or negative rpb (does not measure knowledge))

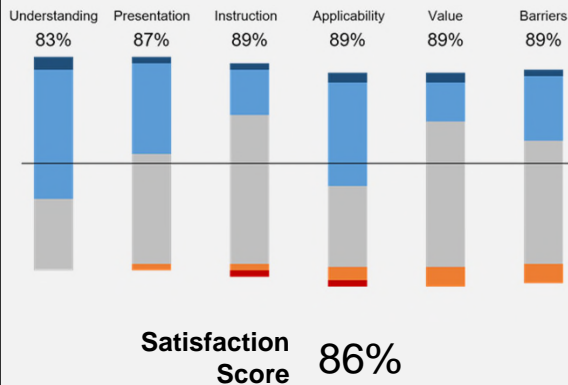
32% of questions have a pdiff above .95 (very easy)

19% of questions have a pdiff below .50 (very hard)

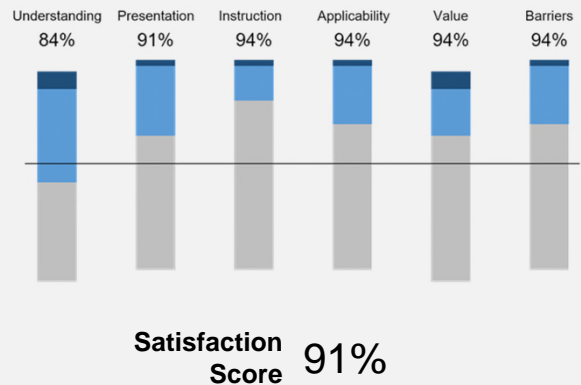


Evaluations

Inspector I



Inspector II



Themes:

- Desire for a more practical approach to training and education.
- Contradictory or outdated information.
- Ungraded homework.

Student quotes:

• Inspector I

- "there were multiple occurrences within the Fire Inspector I book that directly contradicts NFPA 1, and NFPA 101." (I)
- "Class time was spent simply looking at the Powerpoint slides for the textbook, with very little time spent on the actual actions of a fire inspector." (I)
- "I think it would have been beneficial to review the homework in class. Many times the homework questions were vague or the associated pictures were not clear, often there was no obvious correct answers. I would have liked to know the correct answers." (I)

• Inspector II

- "I felt there may have been more opportunities to dive deeper into the books with some additional real-world scenarios." (II)
- "...this type of course is a make or break depending on the instructors... Some of the other instructors were not as in tune with the needs of the students and seemed to get off course during the class which did not help the learning process." (II)