

FT-5  
ONLINE

FIRE BEHAVIOR AND COMBUSTION  
FALL 2025

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### FT-5 COURSE SCHEDULE

| <u>DATE</u> | <u>Week#</u> | <u>Topics</u>                                    | <u>Assignment</u>                           |
|-------------|--------------|--------------------------------------------------|---------------------------------------------|
| 8/25/25     | 1            | Orientation and Introduction<br>THE BASIC STUFF  | Self-Introduction Essay<br>Discussion Topic |
| 9/01/25     | 2            | THE LANGUAGE OF SCIENCE<br>STRUCTURE OF MATTER   | Discussion, Essay, Quiz                     |
| 9/08/25     | 3            | COMPOUNDS AND BONDING                            | Discussion, Essay, Quiz                     |
| 9/15/25     | 4            | SALTS AND NON-SALTS                              | Discussion, Essay, Quiz                     |
| 9/22/25     | 5            | HYDROCARBONS                                     | Discussion, Essay, Quiz                     |
| 9/29/25     | 6            | HYDROCARBON DERIVATIVES 1                        | Discussion, Essay, Quiz                     |
| 10/06/25    | 7            | HYDROCARBON DERIVATIVES 2                        | Discussion, Essay, Quiz                     |
| 10/13/25    | 8            | <b>MIDTERM EXAM WEEK</b>                         | <b>Midterm Exam</b>                         |
| 10/20/25    | 9            | REACTIONS                                        | Discussion, Essay, Quiz                     |
| 10/27/25    | 10           | HEAT AND ITS EFFECTS<br>PROPERTIES OF COMBUSTION | Discussion, Essay, Quiz                     |
| 11/03/25    | 11           | FIRE BEHAVIOR<br>THE MEASUREMENT OF HEAT         | Discussion, Essay, Quiz                     |
| 11/10/25    | 12           | FLAMMABLE LIQUIDS                                | Discussion, Essay, Quiz                     |
| 11/17/25    | 13           | FLAMMABLE GASES                                  | Discussion, Essay, Quiz                     |
| 11/24/25    | 14           | CHEMISTRY OF COMBUSTION AND CONTROL              | Discussion, Essay, Quiz                     |
| 12/01/25    | 15           | COURSE REVIEW                                    |                                             |
| 12/8-13/25  | 16           | <b>FINAL EXAM WEEK</b>                           | <b>Final Exam</b>                           |