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**Fire/Rescue Science Technology**

**Associate in Applied Science degree**

**Program Coordinator: Brian Steele E-mail:** **brian.steele@kctcs.edu** **Phone: 859-259-0014**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/fire-rescue-technology.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/fire-rescue-technology.aspx)

**Student Name: Student ID:**

***Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.***

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| **First Semester** | **Credit****Hours** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| FIR 101 Basic Firefighting I | 3 |  |  |  |  |
| FIR 102 Basic Firefighting II | 3 |  |  | FIR 101 |  |
| FIR 103 Basic Firefighting III | 3 |  |  | FIR 102 |  |
| FIR 104 Basic Firefighting IV | 3 |  |  | FIR 103 |  |
| FIR 230 Emergency Medical Technician (EMT) | 6 |  |  |  | See note on back. |
| **Total Semester Credit Hours** | **18** |  |  |  |  |
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| **Second Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| FIR 105 Fire Suppression | 3 |  |  | FIR 104 |  |
| FIR 106 Intro to Special Responses | 3 |  |  | FIR 105 |  |
| FIR 107 Intro to rescue and Patient Care | 3 |  |  | FIR 106 |  |
| FIR 220 Hazardous Materials Technician | 3 |  |  | FIR 107 |  |
| Computer/Digital Literacy | 0 – 3 |  |  |  | CIT 105 or exam or certification |
| ENG 101 Writing I | 3 |  |  |  |
| **Total Semester Credit Hours** | **15 – 18**  |  |  |  |

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| **Third Semester** | **Credits** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| FRS 203 Firefighters Advanced Skills III | 3 |  |  | FRS 202 |  |
| FRS 204 EMT First Responder | 3 |  |  |  |  |
| FRS 205 Fire Officer I | 5 |  |  | FRS 202 |  |
| Social and Behavioral Sciences course | 3 |  |  |  | PSY 110 or SOC 101 recommended |
| Quantitative Reasoning | **3** |  |  |  | MAT 150 Recomm. |
| **Total Semester Credit Hours** | **17** |  |  |  |  |

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| **Fourth Semester** | **Credits** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| FRS 2062 Managing Company Operations: Decision Making | 1 |  |  |  |  |
| FRS 2063 Instructional Techniques for Company Officers | 1 |  |  | FRS 101, 102, 103, 104, 105, 201, 202 and 203 |  |
| FRS 207 Fire Officer III | 6 |  |  |  |  |
| Natural Sciences course | 3 – 4 |  |  |  |  |
| Heritage or Humanities course | 3 |  |  |  |  |
| **Total Semester Credit Hours** | **14 – 15** |  |  |  |  |
| **Total Degree Credit Hours** | **61 – 64** |  |  |  |

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| * **25% or more of Total Degree Credit Hours must be earned at BCTC**
* **Cumulative GPA must be 2.0 or higher**
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**Graduation Requirements:**

**Advisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Additional Information** |
| * If a student has earned credit for FRS 2061, then only FRS 2062 and FRS 2053 are required to complete FRS 206.
* General Education courses may be completed in any semester or Summer session as scheduling allows.
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| **Embedded Credentials** |
| Credential | Title | Requirements | Total Credit Hours |
| Diploma | Fire Chief | ENG 101 or Heritage/Humanities course, Social/Behavioral Science/Natural Sciences or Quantitative Reasoning course, Computer Literacy, FRS 101, FRS 102, FRS 103, FRS 104, FRS 105, FRS 201, FRS 202, FRS 203, FRS 204, FRS 205, FRS 206, FRS 207  | 52 – 55  |
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| Certificate | Advanced Firefighter | FRS 101, FRS 102, FRS 103, FRS 104, FRS 105, FRS 201, FRS 202, FRS 203 | 24 |
| Certificate | Basic Firefighter | FRS 101, FRS 102, FRS 103, FRS 104 | 12 |
| Certificate | Fire Officer | FRS 205, FRS 2062, FRS 2063, FRS 207 | 13 |

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| * **25% or more of Total Diploma Credit Hours must be earned at BCTC**
* **Cumulative GPA must be 2.0 or higher**
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**Diploma Requirements:**

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| * **25% or more of Total Certificate Credit Hours must be earned at BCTC**
* **Grade of C or higher in each course required for certificate**
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**Certificate Requirements:**