

KCTCS STATE FIRE RESCUE TRAINING

AAS FIRE RESCUE SCIENCE TECHNOLOGY

Notes to table:

1. FRS denotes a collegiate formatted course for 3 or more credit hours
2. FRT denotes a fractional credit course
3. The FRS course titles are only for the purpose of indicating level of material
4. You will note many courses show little, if any, hours listed in the skills section. As will all Fire Rescue Training Courses, at least **50% of training hours are hands on** work where students are **learning by doing** under the guidance of an instructor. The accreditation agency views skill hours as those hours in a training program where a student is practicing tasks with little if any instruction being provided by an instructor. **Hours listed under lecture will include both classroom and hands on instruction.**
5. 18-22 credit hours in General Education classes are required for this Degree in the following areas:

Introduction to Computers	3 hours
Humanities / Oral Communications	3 hours
Mathematics	3 hours
Science	3-4 hours
Social Interaction	3-4 hours
Writing / Accessing Information	3 hours

CORE COURSES

[FRS 101 INTRODUCTION TO FIRE SERVICE](#) 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 1011	Fire Department Organization	10	0.7
FRS 1012	Fire Behavior	4	0.3
FRS 1013	Firefighter Safety	6	0.4
FRS 1014	Personal Protective Equipment	12	0.8
FRS 1015	Portable Fire Extinguishers	3	0.2
FRS 1016	Fire Hose, Appliances and Streams	10	0.6

FRS 102 FIREFIGHTERS BASIC SKILLS I 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 1021	Ropes	3	0.2
FRS 1022	Ladders	9	0.6
FRS 1023	Aircraft Rescue	6	0.4
FRS 1024	Rescue	6	0.4
FRS 1025	First Aid	4	0.3
FRS 1026	Bloodborne Pathogens	4	0.3
FRS 1027	Emergency Disaster Planning	2	0.1
FRS 1028	Forcible Entry	3	0.2
FRS 1029	CPR	8	0.5

FRS 103 FIREFIGHTERS BASIC SKILLS II 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 1031	Building Construction	10	0.6
FRS 1032	Wildland Fire Suppression Operations	8	0.5
FRS 1033	Fire Control I	21	1.4
FRS 1034	Ventilation I	6	0.5

FRS 104 FIREFIGHTERS INTERMEDIATE SKILLS I 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 1041	Water Supply I	6	0.4
FRS 1042	Foam Fire Streams I	3	0.2
FRS 1043	Salvage I	4	0.3
FRS 1044	Overhaul I	2	0.1
FRS 1045	Fire Alarm and Communications I	3	0.2
FRS 1046	Hazardous Materials Awareness	8	0.5
FRS 1047	Hazardous Materials Operations	16	1.1
FRS 1048	Sprinklers I	3	0.2

FRS 105 FIREFIGHTERS INTERMEDIATE SKILLS II 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 1051	Fire Department Organization II	4	0.3
FRS 1052	Fire Behavior II	6	0.4
FRS 1053	Personal Protective Equipment II	8	0.5
FRS 1054	Fire Hose, Appliances and Streams II	10	0.6
FRS 1055	Ropes II	10	0.7
FRS 1056	Forcible Entry II	7	0.5

FRS 201 FIREFIGHTERS ADVANCED SKILLS 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 2011	Firefighter Safety II	4	0.3
FRS 2012	Ladders II	11	0.7
FRS 2013	Rescue II	4	0.3
FRS 2014	Ventilation II	4	0.3
FRS 2015	Fire Control II	9	0.6
FRS 2016	Emergency Disaster Planning II	13	0.8

FRS 202 FIREFIGHTERS ADVANCED SKILLS II 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 2021	Portable Extinguishers II	2	0.1
FRS 2022	Water Supply II	12	0.8
FRS 2023	Pumper Operations I	17	1.1
FRS 2024	Foam Fire Streams II	1	0.1
FRS 2025	Salvage II	1	0.1
FRS 2026	Fire Prevention, Public Education, and Fire Cause Determination I	12	0.8

FRS 203 FIREFIGHTERS ADVANCED SKILLS III 45 CLOCK HRS 3 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 2031	Pump Operations II	8	0.5
FRS 2032	Drivers Training	12	0.8
FRS 2033	Overhaul II	3	0.2
FRS 2034	Fire Alarm and Communications II	5	0.3
FRS 2035	Sprinklers II	7	0.5
FRS 2036	Practicum	55	0.7

FRS 204 EMT FIRST RESPONDER 45 CLOCK HRS 3 CREDIT HRS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 2041	First Responder (EMS)	45	3.0

FRS 205 FIRE OFFICER I 75 CLOCK HRS 5 CREDIT HRS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 2051	Fire prevention, Public Education and Fire Cause Determination II	8	0.5
FRS 2052	Firefighter Survival and Rescue	16	1.1
FRS 2053	Hazardous Materials Technician	51	3.4

FRS 206 FIRE OFFICER II 180 CLOCK HRS 8 CREDIT HOURS

FRS 2061	Emergency Medical Technician - Basic	150	6.0
FRS 2062	Managing Company Tactical Operations: Decision Making	14	1.0
FRS 2063	Instructional Techniques For Company Officers	16	1.0

FRS 207 FIRE OFFICER III 90 CLOCK HRS 6 CREDIT HOURS

NUMBER	COURSE	CLOCK HRS	CREDIT HRS
FRS 2071	Company Officer	52	3.5
FRS 2072	Incident Command System	14	0.9
FRS 2073	Leadership: Strategies for Company Success	12	0.8
FRS 2074	Fire / Arson Detection	12	0.8