

**Central Arizona Fire & Medical Authority**  
**Engineer's Academy 2018**

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<b>Monday Sept 17<sup>th</sup> 2018 – Day 1</b>			<b>8 HRS</b>	<b>Location</b>
08:00-09:00	Program Orientation <ul style="list-style-type: none"> <li>• Introductions</li> <li>• Schedule &amp; Expectations</li> </ul>		1hr	Kuykendall
09:00-12:00	Key-Note Speaker		3hrs	Chief Freitag
12:00-13:00	<b>LUNCH - Served</b>			Firehouse Subs
13:00-15:00	VFIS PP		2hr	Wyatt Wong
15:00-16:00	DPS		1hr	Glenn Huddleston
16:00-17:00	Truck Check & Documentation PP		1hr	Dominique Scaife

<b>Tuesday Sept 18<sup>th</sup> 2018 – Day 2</b>			<b>8 HRS</b>	<b>Location</b>
08:00-08:30	Hydraulic Calculations PP		30min	Cpt. D. Brown
08:30-09:00	Pump Theory PP		30min	Cpt. J. Kirk
09:30-10:00	Trouble Shooting Systems PP		30min	Cpt. T. Smith
10:00-10:30	Air & Brake Systems PP		30min	Eng. J. Butler
10:30-11:00	Electrical System PP		30min	Eng. J. Bushman
Breakouts	Air & Brake Systems	Hydraulics	Electrical Systems	Pump Theory
11:00-12:00	Engine 1	Engine 2	Engine 3	Engine 4
12:00-13:00	<b>LUNCH - Served</b>			Firehouse Subs
13:00-14:00	Engine 2	Engine 3	Engine 4	Engine 5
14:00-15:00	Engine 3	Engine 4	Engine 5	Engine 1
15:00-16:00	Engine 4	Engine 5	Engine 1	Engine 2
16:00-17:00	Engine 5	Engine 1	Engine 2	Engine 3

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<b>Wednesday Sept 19<sup>th</sup> 2018 – Day 3</b>		<b>DRIVING</b>		<b>8 HRS</b>	<b>Field Day</b>
Breakouts	Type 1 (2)	Type 3	Type 6	Truck Company	Water tender
08:00- 09:30	Engine 1	Engine 2	Engine 3	Engine 4	Engine 5
09:30-11:00	Engine 2	Engine 3	Engine 4	Engine 5	Engine 1
11:00-12:30	Engine 3	Engine 4	Engine 5	Engine 1	Engine 2
12:30-13:30	LUNCH - Served			Firehouse Subs	
13:30-15:00	Engine 4	Engine 5	Engine 1	Engine 2	Engine 3
15:00-16:30	Engine 5	Engine 1	Engine 2	Engine 3	Engine 4
16:30-17:00	Recap and review/ Safety check (classroom)				

<b>Thursday Sept 20<sup>th</sup> 2018 – Day 4</b>		<b>PUMPING</b>		<b>8 HRS</b>	<b>Field Day</b>
Breakouts	Type 1 (2)	Type 3	Type 1	Truck Company	Water tender
08:00- 09:30	Engine 1	Engine 2	Engine 3	Engine 4	Engine 5
09:30-11:00	Engine 2	Engine 3	Engine 4	Engine 5	Engine 1
11:00-12:30	Engine 3	Engine 4	Engine 5	Engine 1	Engine 2
12:30-13:30	LUNCH - Served			Firehouse Subs	
13:30-15:00	Engine 4	Engine 5	Engine 1	Engine 2	Engine 3
15:00-16:30	Engine 5	Engine 1	Engine 2	Engine 3	Engine 4
16:30-17:00	Recap and review/ Safety check (classroom)				

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Friday Sept 21 <sup>st</sup> 2018 – Day 5		Evaluation/Review		8 HRS	
Breakouts	Trouble Shoot	Type I - Drafting	Type I - Pumping	Field Hydraulics	Apparatus check
08:00- 09:00	Engine 1	Engine 2	Engine 3	Engine 4	Engine 5
09:00-10:00	Engine 2	Engine 3	Engine 4	Engine 5	Engine 1
10:00-11:00	Engine 3	Engine 4	Engine 5	Engine 1	Engine 2
11:00-12:00	Engine 4	Engine 5	Engine 1	Engine 2	Engine 3
12:00-13:00	LUNCH - Served			Firehouse Subs	
13:00-14:00	Engine 4	Engine 5	Engine 1	Engine 2	Engine 3
14:00-15:00	Engine 5	Engine 1	Engine 2	Engine 3	Engine 4
15:00-16:00	Recap and review/ Safety check, issuance of certs (classroom)				