



# Colorado Springs Rocket Society

ADVANCED CLASSES: Junior—High Power Rocketry

CLASSES START IN OCTOBER 2017

*6 Students Maximum*



The Colorado Springs Rocket Society (COSROCS) is gearing up for the 2017-2018 Advanced Model Rocketry Classes. COSROCS is an all volunteer, non-profit, community educational and service provider organization.

OPEN ENROLLMENT STARTS: **September 1<sup>st</sup>, 2017**

ENROLLMENT ENDS: **October 28<sup>th</sup>, 2017**. Participation is limited, so register early!

CLASS LOCATION: **Fire Station #20**. Address: 6755 Rangewood Dr., COS 80918  
(NE corner of Rangewood Drive and Dublin Blvd.)

ROCKETRY CLASSES: Eight Classes Total—

*Class 1—October 14<sup>th</sup>*

*Classes 2-8—1<sup>st</sup> Saturday of the month November-May, 2:30-5:30 p.m.*

*All Classes Meet—2:30-5:30 p.m.* (3 Hours Total: ~1 ½ hrs discussion, ~1 ½ hrs build.)

*Weather Makeup Days—The **Sunday immediately** following the original scheduled date.*

CLASS DESCRIPTION: COSROCS has several club members certified in High Power Rocketry (HPR) who will be assisting with this class. Students must become members of National Association of Rocketry or Tripoli Rocket Association to participate in this class. Most class topics are similar to the Beginner Class, but focus on HPR build techniques, tools, equipment, and electronics.

REQUIREMENTS AND APPROXIMATE COSTS:

*Age Requirements—13-17 years of age.* Youth age 13 **must turn 14 by May, 2018**. Youth under the age of 14 must have 1 parent or adult guardian attending each class.

*COSROCS Class Fee—\$15 per student/family.* Pays for Class Lesson material.

*Rocket Kit Cost—HPR Certification **Level 1 rocket kits** range from ~\$60 to \$120 plus.*  
*Rocket kits must consist of cardboard tubes and plywood fins.*

*Rocket Motor Cost—**Level 1 HP motors** range from \$22 to \$40* depending on type of motor.

*Build Supplies and Tools' Cost— ~ \$20-\$60.* Special glues and epoxies will be used.

*NAR MEMBERSHIP FEE—\$25 for youth,* includes 6 issues of the 56-page color *Sport Rocketry* magazine; the *NAR Member Guidebook*, a 60-page how-to book on all aspects of rocketry; provides \$5 million dollar insurance; and access to NAR technical reports, high power certification, and clubs.

**QUESTIONS?** Contact Deanna Mann (H) 719-528-5969 or Les Mann (C) 719-640-4561