



NFPA
Education and
Technology
Foundation

NFPA Fluid Power Club Activity Ideas

Distinguished Speakers Program/Lectures – Invite a speaker from a mechanical engineering-related business or nearby research school to speak to students. This can be done virtually via an online platform.

Research Presentation – Provide project support to the capstone project, the NFPA Vehicle Challenge (<https://nfpahub.com/fpc>). Some or all seniors can demonstrate their work for the younger students.

Certification Study Groups – If students are interested in fluid power certifications, the International Fluid Power Society (www.ifps.org) offers student discounts.

Study Sessions, Classes – Students from the same classes can meet the night before a test to review the material and ask questions.

Hands-On Applications – Create a project to help club members understand basic hydraulics and pneumatics principles.

College Students Shadowing Professionals – Pair college students with professionals in the students' desired career field. A student can spend the day with the professional at their place of work.

Host a Roundtable Discussion – Invite faculty and students to join a roundtable discussion along with industry professionals to gain a better understanding of the fluid power industry.

Resume Building – This meeting is to help chapter members build a resume for potential internships. The workshop will organize group activities such as ice breakers and public speaking sessions to prepare for interviews.

Achievement Parties – Celebrate when students or faculty members in the department gain special recognition. Examples include job offers, graduate school acceptance or receipt of an award of special significance.

Youth Outreach – Conduct a youth outreach activity or event to promote and introduce younger students to the fluid power industry. (Additional funding may be available for clubs that would like to conduct this).