

**Student Engineering Competitions**

AAES Member Society	Name of Competition	Web link
<b>ABET</b>	#ABETconfident Video Contest	<a href="http://www.abet.org/workshops-and-events/abetconfident-video-contest/">http://www.abet.org/workshops-and-events/abetconfident-video-contest/</a>
<b>AIAA</b>	Generation STEM: Discovering Aerospace through Experience	<a href="http://www.aiaa.org/genstem/">http://www.aiaa.org/genstem/</a>
	Undergraduate/graduate:Life Sciences Team Design Competition	<a href="http://www.aiaa.org/UndergradLifeSciTeamDesignComp2017/">http://www.aiaa.org/UndergradLifeSciTeamDesignComp2017/</a>
	Undergraduate/graduate:Team Aircraft Design Competition-Jet	<a href="http://www.aiaa.org/UndergradTeamAircraftDesignComp2017/">http://www.aiaa.org/UndergradTeamAircraftDesignComp2017/</a>
	Undergraduate/graduate:Team Aircraft Design Competition- MMA	<a href="http://www.aiaa.org/UnderGradTeamAircraftDesignComp-MMA2017/">http://www.aiaa.org/UnderGradTeamAircraftDesignComp-MMA2017/</a>
	Undergraduate Team Engine Design Competition	<a href="http://www.aiaa.org/UndergradTeamEngineDesignComp2017/">http://www.aiaa.org/UndergradTeamEngineDesignComp2017/</a>
	Undergraduate Team Space Design Competition	<a href="http://www.aiaa.org/UndergradTeamSpaceDesignComp2017/">http://www.aiaa.org/UndergradTeamSpaceDesignComp2017/</a>
	Undergraduate Team Space Transportation Design Competition	<a href="http://www.aiaa.org/UnderGradTeamSpaceTransportDesignComp2017/">http://www.aiaa.org/UnderGradTeamSpaceTransportDesignComp2017/</a>
	Design, Build, Fly	<a href="http://www.aiaadb.org/">http://www.aiaadb.org/</a> Note: AIAA Foundation/Cessna Aircraft/Raytheon Missile Systems
	Cansat Competition	<a href="http://www.cansatcompetition.com/">http://www.cansatcompetition.com/</a> Note: cosponsor with AAS
<b>AiChE</b>	Chem-E-Car Competition	<a href="https://www.aiche.org/community/students/chem-e-car">https://www.aiche.org/community/students/chem-e-car</a>
	ChemE Jeopardy Competition at the Annual Student Conference	<a href="https://www.aiche.org/community/awards/cheme-jeopardy-competition">https://www.aiche.org/community/awards/cheme-jeopardy-competition</a>
	Global Undergraduate Student Video Competition	<a href="https://www.aiche.org/community/awards/global-undergraduate-student-video-competition">https://www.aiche.org/community/awards/global-undergraduate-student-video-competition</a>
	Regional Student Paper Competition	<a href="https://www.aiche.org/community/awards/regional-student-paper-competition">https://www.aiche.org/community/awards/regional-student-paper-competition</a>
	Student Design Competition - Team	<a href="https://www.aiche.org/community/awards/student-design-competition-team">https://www.aiche.org/community/awards/student-design-competition-team</a>
	Student Design Competition - Individual	<a href="https://www.aiche.org/community/awards/student-design-competition-individual">https://www.aiche.org/community/awards/student-design-competition-individual</a>
	Student Paper Competition at Annual Student Conference	<a href="https://www.aiche.org/community/awards/student-paper-competition">https://www.aiche.org/community/awards/student-paper-competition</a>
Student Poster Competition at Annual Student Conference	<a href="https://www.aiche.org/community/awards/student-poster-competition">https://www.aiche.org/community/awards/student-poster-competition</a>	
<b>AIME</b>		
<b>AIST</b>	T.C. Graham Prize	<a href="http://www.aist.org/about-aist/awards-recognition/graham-prize-(1)">http://www.aist.org/about-aist/awards-recognition/graham-prize-(1)</a>
	Graduate Student Poster Contest, Undergraduate Student Project Presentation Contest, AIST Foundation Video Challenge	<a href="http://www.aist.org/students-faculty/contests">http://www.aist.org/students-faculty/contests</a>
<b>TMS</b>	TMS Materials Bowl	<a href="http://www.tms.org/students/contests.aspx">http://www.tms.org/students/contests.aspx</a>
	Bladesmithing Competition	<a href="http://www.tms.org/meetings/annual-17/AM17Bladesmithing.aspx">http://www.tms.org/meetings/annual-17/AM17Bladesmithing.aspx</a>
	Student Poster Competition	<a href="http://www.tms.org/students/contests.aspx">http://www.tms.org/students/contests.aspx</a>
	Student Best Paper Contest	<a href="http://www.tms.org/students/bestpapers.aspx">http://www.tms.org/students/bestpapers.aspx</a>
<b>AIST and TMS</b>	Material Advantage (joint student membership in 4 societies) Contests: Undergraduate speaking contest, Ceramic Mug Drop, Ceramic Disc Golf, Graduate Student Poster Competition, Undergraduate Student Poster Competition	<a href="http://materialadvantage.org/financial-opportunities/contests">http://materialadvantage.org/financial-opportunities/contests</a>
	<b>SME</b> Mineral & Metallurgical Processing (MPD) Division Student Poster Contest	<a href="http://www.smenet.org/students/student-competitions/mpd-division-student-poster-competition">http://www.smenet.org/students/student-competitions/mpd-division-student-poster-competition</a>
<b>SPE</b>	Move Mining competition	<a href="http://www.smeprmo.com/movemining/">http://www.smeprmo.com/movemining/</a>
	Graduate Student Research Poster Contest	<a href="http://www.smenet.org/students/student-competitions/graduate-student-poster-contest">http://www.smenet.org/students/student-competitions/graduate-student-poster-contest</a>
	Student Design Competition	<a href="http://www.smenet.org/students/student-competitions/student-design-competition">http://www.smenet.org/students/student-competitions/student-design-competition</a>
<b>SPE</b>	Student Paper Contest	<a href="http://www.spe.org/students/contest.php">http://www.spe.org/students/contest.php</a>
	Petrobowl	<a href="http://www.spe.org/students/petrobowl/">http://www.spe.org/students/petrobowl/</a>
<b>ANS</b>	Student Design Competition	<a href="http://www.ans.org/honors/awards/award-studesign/">http://www.ans.org/honors/awards/award-studesign/</a>
<b>ASCE</b>	Concrete Canoe	<a href="http://www.asce.org/event/2017/concrete-canoe/">http://www.asce.org/event/2017/concrete-canoe/</a>
	Student Steel Bridge Competition	<a href="https://www.asce.org/education/university-programs/student-steel-bridge-competition/">https://www.asce.org/education/university-programs/student-steel-bridge-competition/</a>
	AEI Student Competition	<a href="http://www.asce.org/architectural-engineering/aei-student-competition/">http://www.asce.org/architectural-engineering/aei-student-competition/</a>
	International Contest on Long-Term Pavement Performance (LTPP) Data Analysis	<a href="http://www.asce.org/transportation-and-development-engineering/t-and-di-contests/">http://www.asce.org/transportation-and-development-engineering/t-and-di-contests/</a>
	SEI Student Video Competition	<a href="http://www.asce.org/structural-engineering/sei-students/">http://www.asce.org/structural-engineering/sei-students/</a>

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<b>ASCE cont.</b>	Innovation contest	<a href="https://ascegrandchallenge.com/innovation-contest/">https://ascegrandchallenge.com/innovation-contest/</a> Note: student/professional
	Daniel W. Mead Prize for Students	<a href="http://www.asce.org/mead-student/">http://www.asce.org/mead-student/</a>
	Geo-Wall, Transportation, and Water Treatment Competitions; Water Research Paper	<a href="http://ascemidpac.weebly.com/competitions--files.html">http://ascemidpac.weebly.com/competitions--files.html</a> Note: Mid-Pacific Student Chapters
	CI Student Days - Challenge	<a href="http://www.ascestudentdays.org/">http://www.ascestudentdays.org/</a>
<b>ASEE</b>	M250-Two-Year College Division Model Design Competition	<a href="http://faculty.tcc.edu/PGordy/ASEE/index.html">http://faculty.tcc.edu/PGordy/ASEE/index.html</a>
<b>ASME</b>	Human Powered Vehicle Challenge (HPVC)	<a href="https://www.asme.org/events/competitions/human-powered-vehicle-challenge-(hpvc)">https://www.asme.org/events/competitions/human-powered-vehicle-challenge-(hpvc)</a>
	IAM3D Challenge	<a href="https://www.asme.org/events/competitions/iam3d-challenge">https://www.asme.org/events/competitions/iam3d-challenge</a>
	Student Design Competition	<a href="https://www.asme.org/events/competitions/student-design-competition">https://www.asme.org/events/competitions/student-design-competition</a>
	Old Guard Competitions	<a href="https://www.asme.org/events/competitions/old-guard-competitions">https://www.asme.org/events/competitions/old-guard-competitions</a>
	ISHOW	<a href="https://www.asme.org/about-asme/news/asme-news/years-innovation-showcase-ishow-launch-feb-1">https://www.asme.org/about-asme/news/asme-news/years-innovation-showcase-ishow-launch-feb-1</a> Note: student/professional
	Future Engineers, "Mars Medical" Design Challenge	<a href="https://www.asme.org/about-asme/news/asme-news/future-engineers-foundation-nasa-launch-mars">https://www.asme.org/about-asme/news/asme-news/future-engineers-foundation-nasa-launch-mars</a> Note: Cosponsor with NASA
<b>EWB-USA</b>	Knowledge Bowl	<a href="http://www.ewb-usa.org/recognizing-hearts-minds-ewb-usas-volunteers/">http://www.ewb-usa.org/recognizing-hearts-minds-ewb-usas-volunteers/</a>
	Photo Contest	<a href="http://www.ewb-usa.org/winners-2016-ewb-usa-photo-contest/">http://www.ewb-usa.org/winners-2016-ewb-usa-photo-contest/</a>
	Eweek Story Contest	<a href="http://www.ewb-usa.org/engineers-week-contest-share-your-story-win-a-prize/">http://www.ewb-usa.org/engineers-week-contest-share-your-story-win-a-prize/</a>
<b>IEEE-USA (IEEE)</b>	IEEEExtreme 24-Hour Programming Competition	<a href="http://www.ieee.org/membership_services/membership/students/competitions/xtreme/index.html">http://www.ieee.org/membership_services/membership/students/competitions/xtreme/index.html</a>
	madC (Mobile Applications Design Context)	<a href="http://ieeemadc.org/">http://ieeemadc.org/</a>
	Regional Robotics Competition	<a href="http://sites.ieee.org/robocomp2017/">http://sites.ieee.org/robocomp2017/</a>
	Regional Student Software Competition	<a href="http://sites.ieee.org/southeastcon2017/student-program/student-software-competition/">http://sites.ieee.org/southeastcon2017/student-program/student-software-competition/</a>
	Regional Hardware Competition	<a href="http://sites.ieee.org/southeastcon2017/student-program/student-hardware-competition/">http://sites.ieee.org/southeastcon2017/student-program/student-hardware-competition/</a>
	Student Paper Contests	<a href="http://sites.ieee.org/southeastcon2017/student-program/student-paper-competition/">http://sites.ieee.org/southeastcon2017/student-program/student-paper-competition/</a> <a href="https://www.ieee.org/membership_services/membership/students/awards/syst_man_cybern.html">https://www.ieee.org/membership_services/membership/students/awards/syst_man_cybern.html</a> <a href="http://www.ieee802.org/StudentPaperContest/2016/index.shtml">http://www.ieee802.org/StudentPaperContest/2016/index.shtml</a>
		The Amazing MicroMouse Contest
<b>ISA</b>	Robotics Competition, FIRST	<a href="http://www.firstinspires.org/about/details-of-first-steamworks-2017-robotics-game-revealed">http://www.firstinspires.org/about/details-of-first-steamworks-2017-robotics-game-revealed</a> Note: ISA endorses this program
<b>NACE</b>	First Corrosion Design Competition for University Students	<a href="http://www.usdasc.com/">http://www.usdasc.com/</a>
	Student Poster Competition	<a href="http://nacecorrosion.org/student-poster-session">http://nacecorrosion.org/student-poster-session</a>
<b>NCEES</b>	Future City Competition	<a href="http://futurecity.org/">http://futurecity.org/</a> Note: NCEES sponsors FutureCity
<b>NSBE</b>	NSBE Jr. competitions:	
	FIRST LEGO League Junior	<a href="http://www.nsbe.org/NSBE-Jr/Programs/JrFLL.aspx#.WMbCtPkrJhE">http://www.nsbe.org/NSBE-Jr/Programs/JrFLL.aspx#.WMbCtPkrJhE</a>
	FIRST LEGO League	<a href="http://www.nsbe.org/NSBE-Jr/Programs/FLL.aspx#.WMbCOPkrJhE">http://www.nsbe.org/NSBE-Jr/Programs/FLL.aspx#.WMbCOPkrJhE</a>
	Mathcounts Competition	<a href="http://www.nsbe.org/NSBE-Jr/Programs/MATHCOUNTS.aspx#.WMbC4PkrJhE">http://www.nsbe.org/NSBE-Jr/Programs/MATHCOUNTS.aspx#.WMbC4PkrJhE</a>
	Mathvideo Challenge	<a href="http://www.nsbe.org/NSBE-Jr/Programs/MATHVIDEO-Challenge.aspx#.WMbDF krJhE">http://www.nsbe.org/NSBE-Jr/Programs/MATHVIDEO-Challenge.aspx#.WMbDF krJhE</a>
	NSBE Jr. Explorer: Technical Innovations Competition	<a href="http://www.nsbe.org/NSBE-Jr/Programs/NSBE-Jr-Explorer.aspx#.WMbC- krJhE">http://www.nsbe.org/NSBE-Jr/Programs/NSBE-Jr-Explorer.aspx#.WMbC- krJhE</a>
	Ten80 STEM Initiative	<a href="http://www.nsbe.org/NSBE-Jr/Programs/Ten80-STEM-Initiative.aspx#.WMbDKPkrJhE">http://www.nsbe.org/NSBE-Jr/Programs/Ten80-STEM-Initiative.aspx#.WMbDKPkrJhE</a>
	KidWind Challenge	<a href="http://www.nsbe.org/NSBE-Jr/Programs/KidWind-Challenge.aspx">http://www.nsbe.org/NSBE-Jr/Programs/KidWind-Challenge.aspx</a>
	Try-Math-A-Lon	<a href="http://www.nsbe.org/NSBE-Jr/Programs/TMAL.aspx#.WMbDxfkrJhE">http://www.nsbe.org/NSBE-Jr/Programs/TMAL.aspx#.WMbDxfkrJhE</a>
	VEX Robotics Competition	<a href="http://www.nsbe.org/NSBE-Jr/Programs/VEX-Robotics.aspx#.WMbD8 krJhE">http://www.nsbe.org/NSBE-Jr/Programs/VEX-Robotics.aspx#.WMbD8 krJhE</a>
	NSBE Collegiate competitions:	
	Academic Technical Bowl (ATB)	<a href="http://convention.nsbe.org/2017/01/collegiate-competitions/">http://convention.nsbe.org/2017/01/collegiate-competitions/</a>
	Technical Research Exhibition (TRE)	<a href="http://convention.nsbe.org/2017/01/collegiate-competitions/">http://convention.nsbe.org/2017/01/collegiate-competitions/</a>

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<b>NSBE cont.</b>	NSBEPreneur: Fire Pit Competition	<a href="http://convention.nsbe.org/2017/01/collegiate-competitions/">http://convention.nsbe.org/2017/01/collegiate-competitions/</a>	
	NSBE Debaters	<a href="http://convention.nsbe.org/2017/01/collegiate-competitions/">http://convention.nsbe.org/2017/01/collegiate-competitions/</a>	
	NSBE Hackathon	<a href="http://convention.nsbe.org/2017/01/collegiate-competitions/">http://convention.nsbe.org/2017/01/collegiate-competitions/</a>	
	Boeing Flight Competition	<a href="https://www.nsbe.org/Programs/Competitions/Boeing-Flight-Competition.aspx#.WMbGaPnyvRZ">https://www.nsbe.org/Programs/Competitions/Boeing-Flight-Competition.aspx#.WMbGaPnyvRZ</a>	
<b>NSPE</b>	Bridge Building Competition Guidelines	<a href="http://nspe-co.org/events3.php">http://nspe-co.org/events3.php</a>	
	Milton F. Lunch Ethics Essay Contest	<a href="https://www.nspe.org/resources/ethics/ethics-resources/milton-f-lunch-ethics-contest">https://www.nspe.org/resources/ethics/ethics-resources/milton-f-lunch-ethics-contest</a>	
<b>SAME</b>	E-Week - Floatable Moatable Event	<a href="http://www.same.org/calendar/ModuleID/6303/ItemID/1407/mctl/EventDetails">http://www.same.org/calendar/ModuleID/6303/ItemID/1407/mctl/EventDetails</a>	
	Student Competitions	<a href="http://eweekak.org/student-competitions/">http://eweekak.org/student-competitions/</a>	
<b>SWE</b>	PepsiCo SWE Student Engineering Challenge	<a href="http://societyofwomenengineers.swe.org/awards/collegiate-competitions/4481-pepsico-swe-student-engineering-challenge">http://societyofwomenengineers.swe.org/awards/collegiate-competitions/4481-pepsico-swe-student-engineering-challenge</a>	
	Team Tech Competition	<a href="http://societyofwomenengineers.swe.org/awards/collegiate-competitions">http://societyofwomenengineers.swe.org/awards/collegiate-competitions</a>	
	Collegiate Poster Competition	<a href="http://societyofwomenengineers.swe.org/awards/collegiate-competitions">http://societyofwomenengineers.swe.org/awards/collegiate-competitions</a>	
	STEM Outreach Competition for Collegiates	<a href="http://societyofwomenengineers.swe.org/awards/collegiate-competitions">http://societyofwomenengineers.swe.org/awards/collegiate-competitions</a>	
<b>Other Competitions:</b>			
<b>AEOP</b>	eCYBERMISSION	<a href="https://www.ecybermission.com/">https://www.ecybermission.com/</a>	6th-9th grades
<b>AEOP</b>	Junior Solar Sprint	<a href="http://www.usaeop.com/programs/competitions/jss/">http://www.usaeop.com/programs/competitions/jss/</a>	5th-8th grades
<b>BEST Robotics, Inc.</b>	Best	<a href="http://www.bestinc.org/">http://www.bestinc.org/</a>	6th-12th grades
<b>Botball</b>	Botball	<a href="http://www.botball.org/">http://www.botball.org/</a>	6th-12th grades
<b>Conrad Foundation</b>	Conrad Spirit of Innovation Challenge	<a href="http://www.conradchallenge.org/">http://www.conradchallenge.org/</a>	9th-12th grades
<b>Destination Imagination</b>	Destination Imagination	<a href="https://www.destinationimagination.org/">https://www.destinationimagination.org/</a>	K - university level
<b>DiscoverE</b>	Future City Competition	<a href="http://futurecity.org/">http://futurecity.org/</a>	
	- Awards	Note: NSPE cosponsors <a href="http://futurecity.org/awards">http://futurecity.org/awards</a> Note: Several AAES member societies sponsor special awards	
<b>Engineer girl</b>	essay contest	<a href="https://www.engineergirl.org/10209.aspx">https://www.engineergirl.org/10209.aspx</a>	3rd-12th grades
<b>EPA</b>	P3 Competition	<a href="https://www.epa.gov/P3/learn-about-p3-program">https://www.epa.gov/P3/learn-about-p3-program</a>	
<b>FIRST</b>	FIRST Lego League	<a href="http://www.firstinspires.org/robotics/fli">http://www.firstinspires.org/robotics/fli</a>	4th-8th grades
		Note: ASEE, ISA, and SWE have Alliances with FIRST	
<b>FIRST</b>	FIRST Robotics Competition	<a href="https://www.firstinspires.org/robotics/frc">https://www.firstinspires.org/robotics/frc</a>	9th - 12th grades
<b>FIRST</b>	FIRST Tech Challenge	<a href="https://www.firstinspires.org/robotics/ftc">https://www.firstinspires.org/robotics/ftc</a>	7th - 12th grades
<b>ITE</b>	ITE International Collegiate Traffic Bowl	<a href="http://www.ite.org/trafficbowl/">http://www.ite.org/trafficbowl/</a>	College
<b>MATE</b>	Underwater Robotics - ROV Competition	<a href="https://www.marinetech.org/rov-competition/">https://www.marinetech.org/rov-competition/</a>	K-12th grades
<b>Mathcounts</b>	Math Counts	<a href="https://www.mathcounts.org/">https://www.mathcounts.org/</a>	
		Note: NSPE Founding and National Sponsor	
<b>Micromouse USA</b>	Micromouse	<a href="http://micromouseusa.com/?page_id=23">http://micromouseusa.com/?page_id=23</a>	
<b>NSTA</b>	Bright Schools Competition	<a href="http://brightschoolscompetition.org/">http://brightschoolscompetition.org/</a>	6th-8th grades
<b>Piusi</b>	i3 Piusi Italian Innovation Internship, Engineering Competition - Boston Ed.	<a href="http://www.i3piusi.com/">http://www.i3piusi.com/</a>	
<b>ProjectCSGIRLS</b>	ProjectCSGIRLS	<a href="http://www.projectcsgirls.com/">http://www.projectcsgirls.com/</a>	6th-8th grades
<b>Pumpkin Chunkin</b>	Pumpkin Chunkin	<a href="https://www.punkinchunkin.com/the-competition.html">https://www.punkinchunkin.com/the-competition.html</a>	All ages
<b>REC Foundation</b>	Robotics Competitions	<a href="http://www.roboticseducation.org/">http://www.roboticseducation.org/</a>	4th-college
<b>RedBull</b>	Red Bull Paper Wings	<a href="http://www.redbullpaperwings.com/Countries/United_States/New">http://www.redbullpaperwings.com/Countries/United_States/New</a>	College
<b>SAE</b>	Baha Competition	<a href="http://students.sae.org/cds/">http://students.sae.org/cds/</a>	College
<b>SAMPE</b>	Bridge Contest	<a href="https://sampe.site-ym.com/?page=bridgecontest">https://sampe.site-ym.com/?page=bridgecontest</a>	College
	University Research Symposium	<a href="https://sampe.site-ym.com/?page=researchsymposium">https://sampe.site-ym.com/?page=researchsymposium</a>	College
	International University Leadership Experience	<a href="https://sampe.site-ym.com/?page=leaderaward">https://sampe.site-ym.com/?page=leaderaward</a>	College

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<b>SAMPE cont.</b>	Additive Manufacturing Contest	<a href="https://sampe.site-ym.com/?page=additivecontest">https://sampe.site-ym.com/?page=additivecontest</a>	College
	Global Student Poster Contest	<a href="https://sampe.site-ym.com/?page=postercontest">https://sampe.site-ym.com/?page=postercontest</a>	College
	Student Chapter Funding Awards	<a href="https://sampe.site-ym.com/?page=fundingawards">https://sampe.site-ym.com/?page=fundingawards</a>	College
<b>Verizon Innovative Learning</b>	App Challenge	<a href="https://appchallenge.tsaweb.org/">https://appchallenge.tsaweb.org/</a>	6th-12th grades
<b>Young Scientist Lab</b>	Young Scientist Challenge	<a href="https://www.youngscientistlab.com/challenge/">https://www.youngscientistlab.com/challenge/</a>	5th-8th grades