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ENHANCED SCHOOL PROGRAMS

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STEM Robotics Seminar



The Massachusetts National Guard is a local organization which places the heaviest of emphases on educating our members and bettering our communities. For our future scientists and engineers, the typical classroom often is not enough. Recognizing this, we are proud to be able to offer our STEM Robotics Seminar to them at no cost.

This Tetrix Kit, used extensively by SkillsUSA, consists of heavy-duty, aircraft-grade aluminum elements, powerful drive motors, and wireless cameras. The event challenges competitors to engineer a robot which can navigate a unique obstacle course to activate ten pressure sensitive light switches with the objective of finding and removing an object within a specified time. Recognizing that no two districts or curricula are identical, we designed this set to be usable by any sized group with any possible time considerations. Robots can be piloted via radio control or fully coded and programmed from scratch. We can allow for days of in-depth design and construction or simply allow students to navigate our courses with pre-built machines.



Impaired Driving Prevention Program

DANGEROUS AT ANY SPEED



We are proud to present a unique new initiative, designed from the ground up to assist educators and law enforcement personnel in teaching young students the likely negative impacts of impaired driving. This program consists of five separate, fully researched and tested learning seminars which have been used by police, educational institutions, and highway safety agencies across the country. These individual lessons can be brought to your young drivers at no cost in whatever combination best fits your needs and lesson plan.

The highlight of this curriculum is our RIDE (Realistic Impaired Driving Experience) vehicle, an electric car which simulates the harmful effects of impaired driving in a safe, fun atmosphere. Our team of trained instructors have developed this program as part of our community outreach and betterment efforts in order to encourage participation and attention for lasting life lessons. All activities are conducted with three things in mind: Safety, Learning, and Fun!



Also Available
Digitally!



Cyber Escape Challenge

This brand-new, one of a kind experience combines virtual with reality by melding the thrill of an escape room with the world of hacking and coding. Teams of participants face off in a race against the clock and each other in order to escape from one of two custom designed challenge rooms. Whether they are red or blue, old or new, all of our cyber warriors will have to work together to decode, decrypt, and defeat their way out before time is up! This curriculum is designed to be completely scalable and adaptable to any experience level as well as multiple attempts. No two challenges are alike!



H•E•A•R

Helping Everyone Achieve Respect

HEAR is a research-based bullying prevention program which challenges students to adopt respectful personal behavior and active bullying intervention. The National Guard is committed to serving our communities, and that includes your students. Over two-thirds of students will witness bullying within the next year. Through an interactive, discussion-based class, taught by a trained representative, they can learn the appropriate response to bullying



as a victim, bystander, and even past perpetrator. HEAR was created by recognized experts in a project of the Harvard Graduate School of Education and the University of Nebraska-Lincoln and can be brought to any high school class by your local National Guard representative.

The National Guard promotes positive character traits:

Loyalty • Duty • Respect • Selfless Service • Honor • Integrity • Personal Courage

Bullying violates these character traits by using:

Intentionally Hurtful Words/Writing • Negative Behavior • Physical/Verbal attacks
Exclusion/Social Isolation • Sexual Harassment/Discrimination



Consequences of Bullying



Guardfit Challenge



The GuardFit Challenge motivates students of all ability levels to exceed their own expectations. This event can be customized for any group from a JROTC or sports team to a full-sized physical education class. Students are outfitted with fitness trackers which deliver live feedback on their heartrate and activity levels to our custom scoreboard. Consisting of a 15 station training circuit, the class encourages participation, teamwork, and group camaraderie in a healthy, competitive environment. Our team is well trained and present during all exercises to ensure proper form and safety.

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GUARDFIT

• CHALLENGE •



Career Direction

Future Education, Training, Career, and Life Success

Career Direction is a no-cost guidance workshop which has helped over five million American high school students to plan their futures. The National Guard recognizes that students entering adulthood face what may be their most critical and lasting life decisions. The Career Direction program is an interactive class which teaches students how career components like priorities and motivation relate to career choices, while stressing the importance of practical job finding skills. We provide all classroom materials and can tailor fit the course to fit any class schedule.



Practical Job Finding Skills

- Networking
- Preparing Effective Resume Packages
- Interviewing Skills
- Business Protocol



Important Components To Career Planning:

- Priorities
- Personality Styles
- Personal Motivation Skills
- Additional Training/Education



Vocational Experience

Your Massachusetts National Guard is made up of a diverse workforce of skills, experiences, and backgrounds. As a core component of the Bay State community, we take pride in instilling a sense of purpose and direction in our youth. Our new Vocational Experience kiosks are designed to spark the interest and inspiration necessary to pursue a variety of careers — in or out of the military.



Take the wheel of a military HMMWV ("humvee") from a first-person perspective within the vehicle's cabin to navigate a virtual obstacle course.

Set up a communications network with limited time and inventory in a race against the clock to accomplish your mission and keep your Soldiers supporting the Commonwealth.

Move the earth from inside a simulated US Army T-9/D7R bulldozer.

Put your multitasking skills to the test as an Air Traffic Controller.

Use state of the art, real world vocational training tools to learn the art of welding in a safe, virtual environment.

Kiosks are portable, fully-self contained, and can be requested in any combination.

Leadership Reaction Course



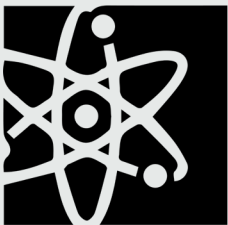
The Massachusetts Army National Guard Leadership Reaction Course (LRC) is now available for you and your students! This course offers an exact replica of the experience new Soldiers receive at U.S. Army Basic Training right here in Massachusetts! The LRC consists of over 15 challenges which focus

on critical thinking, mental and physical strength, and most importantly, leadership. Each task has its own unique mission which challenges students to participate and work together to accomplish their mission. Our course instructors are highly-trained and are ready to motivate!



STEM Coding Seminar

By next year, there will be over a million more computer science job openings than there are qualified individuals in America. That gap will continue to grow unless vested individuals make a change to promote coding education in our schools. We have been protecting freedom and improving livelihood for Bay Staters for nearly four centuries. In that spirit, we are proud to announce our new STEM Coding Seminar. This interactive robot allows students of any skill level to learn the basics of programming and coding. They can be programmed to respond to voice, touch, sound, or even lines drawn on our specially designed magnetic white boards. We have over thirty different coding lessons available and can tailor the lesson to any class size or ability level.



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Attractions

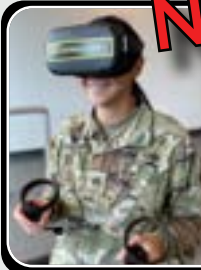
In addition to our Enhanced School Programs, we offer several attractions that can make any occasion a must-attend event!

BOOT CAMP OBSTACLE COURSE

The brand-new 100' attraction brings the thrill of a real U.S. Army obstacle course to your community in a way that's safe and fun for all!



NEW!



VIRTUAL REALITY GUARD EXPERIENCE

See through the eyes of real Massachusetts Army National Guard Soldiers as you take a flight above Boston, swim with our Sappers on Cape Cod, or take on a marksmanship evaluation at Fort Devens. All participants receive a set of National Guard box goggles to take the experience home!

PEDAL KARTS

Our Pedal Kart Challenge can be used for fun or education with or without our alcohol impairment goggles. Whether it's a sporting event or health fair, they're always a hit wherever we go.



NEW!



FOUR SPORT CHALLENGE

This brand-new inflatable sports challenge is every athlete's dream and fun for all ages. Take on one of our Soldiers at one of four sports (baseball, hockey, soccer, or football) and see if you have what it takes to call yourself *Guard Fit!*

Attractions

PULL-UP BAR

Our Soldiers must be Guard Fit and ready to accomplish any mission. See how you measure up with our custom fabricated, portable pull-up bar! This item can be transported to any location indoors or out and is always a hit at health fairs and sporting events.



MOBILE GAMING TOURNAMENT

Our custom-built 35' interactive video game trailer is a self-contained arcade on wheels!

We can host tournaments for up to 16 simultaneous players on today's latest games!



DEFENDER OF FREEDOM MOTORCYCLE

This beautifully customized showpiece celebrates the spirit and values of the Massachusetts Army National Guard, America's oldest and most storied military organization.



BAG TOSS

An outdoor favorite across the country, bag toss is a great way to keep your students engaged and having fun in any setting or situation.

GUARDFIT AGILITY CHALLENGE

This interactive cone game tests your speed and agility to the test by challenging 1-4 players to a variety of competitive games. Spacing can be scaled up or down, indoors or outdoors, and for any event size.



YOUR PARTNERS IN EDUCATION

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UMASS BOSTON

UMASS DARTMOUTH

UMASS LOWELL

BRIDGEWATER STATE UNIVERSITY

FITCHBURG STATE UNIVERSITY

FRAMINGHAM STATE UNIVERSITY

MASS MARITIME ACADEMY

MASS COLLEGE OF ART

MASS COLLEGE OF LIBERAL ARTS

SALEM STATE UNIVERSITY

WESTFIELD STATE UNIVERSITY

WORCESTER STATE UNIVERSITY

BERKSHIRE COMMUNITY COLLEGE

BRISTOL COMMUNITY COLLEGE

BUNKER HILL COMMUNITY COLLEGE

CAPE COD COMMUNITY COLLEGE

GREENFIELD COMMUNITY COLLEGE

HOLYOKE COMMUNITY COLLEGE

MASS BAY COMMUNITY COLLEGE

MASSASOIT COMMUNITY COLLEGE

MIDDLESEX COMMUNITY COLLEGE

MOUNT WACHUSETT COMMUNITY COLLEGE

NORTH SHORE COMMUNITY COLLEGE

NORTHERN ESSEX COMMUNITY COLLEGE

QUINSIGAMOND COMMUNITY COLLEGE

ROXBURY COMMUNITY COLLEGE

SPRINGFIELD TECH COMMUNITY COLLEGE

(Massachusetts General Law Title V, Chapter 23, Section 137)

Your National Guard is a community-based organization which began in Salem, MA nearly four-hundred years ago. Today's Guard consists of highly-trained individuals, passionate about improving the Commonwealth and themselves. It is in that spirit that we are able to offer our Guardsmen unparalleled education and career benefits. Our National Guard is the only military organization in Massachusetts afforded a complete tuition & fee waiver. By serving part-time, our members are free to attend school while simultaneously gaining valuable work experience in one of over 150 career fields.



OTHER BENEFITS INCLUDE:

- Serve Part-Time, Close to Home
- Paid Job Training (150+ Career Fields)
- Monthly Drill Pay
- Montgomery Reserve G.I. Bill
- Federal Tuition Assistance (\$4,000/YR)
- Federal Student Loan Repayment (Up to \$50,000)
- Free Academic Testing (SAT, ACT, ECT)



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BOOK NOW!

We book all requests in the order in which they are received. Schools and community organizations across the Commonwealth are able to schedule these programs up to a year in advance, so be sure to submit your request as early as possible.

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