

J-Term: Extended Learning and Nurturing Potential for Maine Students

MSSM's J-Term concludes: Offers unique classes, internships, real-world applications, and career exploration opportunities for students.

LIMESTONE, MAINE, USA, January 24, 2024 /EINPresswire.com/ -- Maine School of Science and Mathematics (MSSM), the state's first tuition-free, public, residential high school, concludes its January Term, J-Term, a two-week program aimed at providing project-based and Extended Learning Opportunities (ELO) for students with personalized learning experiences, aiming to connect academic content with practical applications. J-Term is an integral part of the MSSM curriculum and a graduation requirement that serves as a window through which students can explore undiscovered occupational possibilities through [community-based career exploration](#).



Gabriel Kirmani, a sophomore at MSSM, standing in front of VALT Enterprises in Presque Isle after his J-Term internship.

“

MSSM is a great start for these students, and we hope to continue to support them with real-life applications that they can utilize depending on the educational journey they decide to pursue.”

Kameron McGill

J-Term 2024 offered a variety of credit-bearing classes, including off-campus internships, Ugandan Culture, Experimental Mathematics, Geographic Information Systems, designing and building post-apocalypse musical instruments, organized trips to Columbia University and Peru, and Blacksmithing. Mr. Eugene Katsman, MSSM Physics & Engineering Instructor, commented on the blacksmithing class, stating, " Our immersive blacksmithing class allows students to bridge the gap between the classroom and real-world applications, providing them with a hands-on learning experience."

During the J-Term internship program, sophomore student Gabriel Kirmani, who hails from Scarborough, had the opportunity to work at VALT Enterprises located in Presque Isle. Kirmani said, "During my two-week internship, I immersed myself in their operations. Initially, I received an overview of the facility and an understanding of the ongoing projects. My tasks included working on rocket simulations using publicly available software and Python programming to create a basic rocket simulation based on fundamental principles of rocket design and flight mechanics." VALT Enterprises has worked with MSSM

since our introduction in May of 2023. Kameron McGill, HR Director at VALT, said this about the internship program, "MSSM is a great start for these students, and we hope to continue to support these brilliant individuals and provide them with real-life applications that they can utilize depending on the educational journey they decide to pursue."



Students working on Blacksmithing during J-Term

VALT Enterprises, an acronym for Vertical Air-breathing Launch Technology, is a leading developer and provider of hypersonic delivery systems for both suborbital and orbital applications.

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