

Fall 2019 NMT Living Learning Community (LLC) Application

Please fill in the application completely, save as yourname.pdf, and then email it to the Office for Student Learning at osl@nmt.edu.

Student NMT ID (900#): _____

Full Name: _____

Intended Major: _____

Phone Number: _____

Student NMT Gmail: _____@student.nmt.edu

My projected math placement is: Pre-calculus (103) Trigonometry (104)

Calculus (131) Above

I plan to take an AP math test or the NMT math placement test: Yes No

LLC Options for Fall 2019

If you are interested in more than one LLC please label in order of preference (1, 2, etc.)

STEAM – open to all majors, co-requisite of Hist 121Lab in Fall and SS 189 in Spring (2 semesters)

Geology Rocks! – open to all majors (Fall only, continue in Watershed LLC or STEAM LL in Spring 2020)

Cyber Security – open to all majors in Math 103 or above (2 semesters)

Watershed – open to all majors (2 semesters)

Media Release:

I authorize New Mexico Tech to use a photo or video of me for news, public relations, and informational purposes. I acknowledge that my image may appear in print, televised or on the internet.

When possible, I would like my name used with the associated photo.

Photo permission only: I will be under 18 by August 19, 2019 but I want the LLC program to be able to use my photograph. Please send a supplemental media release for my parents to sign.

Designed to encourage academic success, the NMT LLC program is focused on project-based, hands-on research and design Learning Community courses. New NMT transfer and first-time students are eligible to take an LLC course their first year at NMT, and have the opportunity (but are NOT required) to live with other LLC students in Torres Hall or South Hall. Participating in a research or design project, having access to resources and support, and developing a strong sense of community in a small cohort really improves the Tech experience! All classes are open to all majors!

Full STEAM Ahead

CRN	Hist 121-01	3 credits	Mikhailova	(Fall Semester)
CRN	Hist 121L-01	1 credit	Bouchev	(Fall Semester)
CRN	SS 189-01	3 credits	Dotson	(Spring Semester)
CRN	SS 189L-01	1 credit	Bouchev	(Spring Semester)



The STEAM LLC brings hands-on experience to the humanities! The 3 credit lecture covers the history of science and technology from ancient to modern, while the 1 credit lab investigates math, astronomy, metallurgy, weapons of war, and tools of technology.



Cybersecurity

CRN	CSE 189-01	1 credit	Anderson	(Fall Semester)
CRN	CSE 18-01	1 credit	Shin	(Spring Semester)

This course will provide an introductory overview of the field of cybersecurity, with hands-on labs on basic cryptography, system security, and web security.

Students will learn how to protect their identity and sensitive data by applying computer security technologies.

Geology Rocks!

CRN	Erth 189-02	1 credit	Mozley	(Fall Semester)
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Students will learn basic geology, how to apply the scientific method to the interpretation of geologic features, and participate in individual and group research projects using data they collect. There are numerous field trips to local mountains and White Sands National Monument.



Watershed

CRN	Enve 189-01	1 credit	Richardson	(Fall Semester)
CRN	Erth 189-01	1 credit	Harrison	(Fall Semester)
CRN	Enve 189-01	1 credit	Richardson	(Spring Semester)
CRN	Erth 189-01	1 credit	Harrison	(Spring Semester)

Students work on projects with a focus on water in the environment. They design and develop, build and deploy field instrumentation to collect data, and analyze data using MATLAB and other software. Watershed is co-taught by faculty from Earth and Environmental Science and Environmental Engineering.