



DISTANCE EDUCATION

FALL 2026 COURSE LISTINGS



WHY CHOOSE DISTANCE EDUCATION AT NEW MEXICO TECH?

LIVE, HYBRID LEARNING

Most courses are streamed live. You'll participate in real-time discussions alongside on-campus students, not just watch pre-recorded lectures.

ADVANCED STEM CURRICULUM

Access NMT's renowned, highly advanced courses in engineering, cybersecurity, hydrology, and computer science from anywhere.

SMALL CLASSES, BIG ENGAGEMENT

Low student-to-faculty ratios mean direct interaction with expert professors and meaningful collaboration with peers.

MAXIMUM FLEXIBILITY

Built for working professionals. Balance your career and education with flexible scheduling and easy non-degree enrollment options.

HIGH RETURN ON INVESTMENT

Earn a high-caliber degree from a top-ranked science and engineering university without the cost of relocating.





DISTANCE EDUCATION DEGREES / CERTIFICATES

THE FOLLOWING GRADUATE DEGREES MAY BE OBTAINED ENTIRELY BY DISTANCE

- Master of Engineering in Chemical Engineering
- Professional Master of Hydrology
- Master of Engineering Management
- Master of Science in Engineering Management
- Master of Engineering in Mechanical Engineering
- Master of Science in Mechanical Engineering
- Master of Science in Public Engagement in Science, Design & Communication
- Master of Science for Teachers
- Master of Science in Transdisciplinary Cybersecurity
- Professional Master of Transdisciplinary Cybersecurity
- PhD in Transdisciplinary Cybersecurity

THE FOLLOWING GRADUATE CERTIFICATES ARE ALSO AVAILABLE ENTIRELY BY DISTANCE DELIVERY

- Cybersecurity
- Explosives Engineering
- Geothermal Energy
- Hydrology
- Scientific and Professional Communication
- Technology Leadership

ESTIMATED COST PER SEMESTER (PART TIME STUDENTS)

- 6 credits: \$2,749 + fees
- 3 credits: \$1,374 + fees

Ready to Level Up Your Career?

Apply for a Degree or Certificate

Start your full application today at apply.nmt.edu/apply.

Want to Start Faster?

Take courses immediately while you finish your application or explore your options. Complete the 5-minute non-degree form at apply.nmt.edu/register/special_graduate



COURSE GUIDE

All times are Mountain Time

CHEMICAL ENGINEERING

CHME 5052	Surface Characterization Techniques	T R	0930-1045
CHME 5063	Design & Analysis of Experiments	M W F	1100-1150
CHME 5068	Surfaces, Interfaces & Colloids	M W F	1000-1050
CHME 5085	Graduate Seminar	F	1200-1250

COMPUTER SCIENCE

CSCI 5061	Foundation of Information Security	T	1530-1830
CSCI 5067	Soft Computing	W	1600-1830

CYBERSECURITY

CYBS 5002	Cybersecurity Ethics & Law	M	1415-1645
CYBS 5041	Advanced Cryptography	T R	1230-1345
CYBS 5061	Foundation of Cybersecurity	T	1530-1830
CYBS 5089	Secure AI	T R	0930-1045

ELECTRICAL ENGINEERING

EE 5065	Position, Navigation & Timing	T R	0930-1045
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ENGINEERING MANAGEMENT

EMGT 5001	Management Science for Engineering Management	R	1700-1945
EMGT 5002	Financial Management	M	1700-1945
EMGT 5004	Engineering Analytics	W	1700-1945
EMGT 5006	Managing HR in Tech Organization	T	1700-1945
EMGT 5061	Introduction to Space Industry	W	1700-1945
EMGT 5089	Systems Engineering	M	1700-1945

EARTH & ENVIRONMENTAL SCIENCE

ENVS 5089	Indigenous Perspectives in Environmental Science	M W F	1000-1050
HYDR 5014	Vadose Zone Hydrology	T R	1100-1215
HYDR 5071	Fluids in Earth's Crust and Geothermal Systems	T R	1230-1345
HYDR 5093	Seminar	R	1600-1700

GEO THERMAL ENERGY

PETR 5071-01	Advanced Formation Evaluation	T R	1700-1815
PETR 5071-04	Thermal Recovery	M W	1030-1145

MATERIALS ENGINEERING

MTLS 4083	Scanning Electron Microscopy	M W F	0900-0950
MTLS 5099	Introduction to Quantum Material Science	T R	11230-1345

MECHANICAL ENGINEERING

AENG 3013	Orbital Mechanics	M W F	0800-0850
MENG 5004	Advanced Mechanics of Materials	T R	1400-1515
MENG 5017	Advanced Finite Element Analysis	T R	1230-1345
MENG 5020	Fracture Mechanics	T R	0800-0915
MENG 5035	Drones	T R	0930-1045
MENG 5041	Vibrations in an Elastic Cont	T R	0800-0915
MENG 5046	Detonation Theory	F	1100-1330
MENG 5052	Explosives Technology & Applications	F	0800-1030
MENG 5075	Advanced Engineering Math	M W F	0900-0950
MENG 5080	Comp. Fluid Dynamics & Reacting Flow Prob.	T R	1230-1345
MENG 5085	Graduate Faculty Seminar	M	1300-1350
MENG 5089	Agent-Based Modeling & Simulation	T R	1100-1215

MINERAL ENGINEERING

MINE 5089	Machine Learning Applications in Geoscience & Engineering	M W	1300-1415
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PUBLIC COMMUNICATION

PHIL 4082	i5: Cybersecurity Ethics & Law	W	1415-1645
PCOM 5005	Ethical/Social Issues in Public Engagement	T R	1715-1945
TCOM 5011	Persuasive Communication & Grant Writing	T R	1700-1815

ADDITIONAL COURSES THAT MAY BE OFFERED AS DE IF THERE IS ENOUGH INTEREST

Please contact graduate@nmt.edu if you are

MATH 5020	Applied Multivariate Analysis	M W F	1100-1150
MATH 5039	Fluid Dynamics	M W	1235-1350



For a full list of programs please visit
<https://www.nmt.edu/gradstudies/programs.php>