

ENG 195-501 Introduction to Engineering

Instructor: Nancy Engler

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OFFICE/meeting/tutoring/problem solving HOURS:

ZOOM W 11:45-1:15 and W 4-5:30

Also available F2F In VAAS 134 T/TH 11:45-1:15

Sect. CRN	Class Time	Days	Location
501 62325	1:30-2:45	T/TH	VAAS 125

COURSE DESCRIPTION: The purpose of Introduction to Engineering, ENG 116, is to help students decide whether they would like to pursue an engineering degree through a description of the engineering profession, orientation to engineering education, introduction to the engineering process and to foster camaraderie amongst students with similar interests.

STUDENT LEARNING OUTCOMES:

With the successful completion of Engineering 116, a student will:

- Understand various engineering fields and the paths to pursue each one.
- Obtain basic skills and learning techniques essential for the successful pursuit of an engineering degree.
- Have an awareness of the importance of mathematics and physics concepts and calculations essential for the successful pursuit of an engineering degree.
- Have gained experience preparing and giving technical presentations.
- Have gained experience with group dynamics and the engineering design process through participation in hands-on exercises and projects.

EXPECTATIONS: Students are expected to conduct themselves in a polite, courteous, professional and collegial manner. Cell phones must be set on silent. Please step into the hall if you need to take a call during class.

ATTENDANCE POLICY: Every absence counts negatively towards your grade. If a student misses 2 classes in the first three weeks or 3 consecutive class periods, the student may be dropped from the class. The student bears full responsibility for the material and procedural information covered in class.

COURSE MATERIALS:

Textbook is available as inclusive access through Learn. You may opt out and purchase a hard copy within the first two weeks of the course.

Title	Author	Publisher	ISBN	Price to Student	Duration
Engineering Your Future	Les L. Leone, William C. Oakes	Oxford University Press	9780190279288	\$41.15	180 days

Paper, pencil, scientific calculator (no graphing), and 3-ring binder or folder, laptop (optional) (These items may be shared with other classes.)

GRADING SCALE: (+ and – also available)

A = 90 - 100 % B = 80 - 89 % C = 70 - 79 % D = 60 - 69 % F < 59 %	CR Credit 72 - 100 % NC No Credit < 72 %
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ATTENDANCE: 10%

CLASS PARTICIPATION: 20 %

ASSIGNMENTS: 30 %

INDIVIDUAL PRESENTATION: 10 %

FINAL PROJECT AND PRESENTATION: 30 %

Notes:

- Grading is subject to change based on activities throughout the semester
- Late assignments will be accepted with a penalty on your grade
- Lowest assignment grade will be dropped
- Plagiarism and cheating will not be tolerated in class

SUPPORT SERVICES: The Valencia Campus Library provides a quiet atmosphere for study and is an excellent resource for supplementary materials. Audiotapes and videotapes are available for student use through the library. The Learning Commons and STEM Center offer math & science tutoring at no cost to the student. The Writing Center can provide free help with all written assignments. (For Writing Center appointments email gillikin@unm.edu or call 925-8513.) Students who miss tutoring appointments may be denied future appointments.

UNM EMAIL/BLACKBOARD LEARN ACCESS: Beginning Fall 2015 semester, all UNM-Valencia students will need a UNM NetID which can be created by going to <http://it.unm.edu/accounts/>. UNM NetID will give you access to the computer labs on campus, blackboard learn and UNM Email.

COMPUTER LAB RESPONSIBILITY: Please be advised that the use of computer labs on UNM properties is governed by “Policy 2500: Acceptable Computer Use” which can be found at <http://policy.unm.edu/universypolicies/2000/2500.html>. Food and drink are also prohibited in

any computer lab on campus. Anyone violating these policies is subject to possible suspension and loss of computer lab privileges.

OTHER IMPORTANT INFORMATION:

Equal Access: In accordance with University Policy 2310 and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. It is imperative that you take the initiative to bring such needs to the instructor's attention, as I am not legally permitted to inquire. Students who may require assistance in emergency evacuations should contact the instructor as to the most appropriate procedures to follow. Contact Accessibility Resource Center at 277-3506 for additional information.

If you need an accommodation based on how course requirement interacts with the impact of a disability, you should contact me to arrange an appointment as soon as possible. At the appointment we can discuss the course format and requirements, anticipate the need for adjustments and explore potential accommodations. I rely on the Disability Services Office for assistance in developing strategies and verifying accommodation needs. If you have not previously contacted them, I encourage you to do so.

If you are a Valencia campus student, contact Equal Access Services at Valencia Campus, Cheryl Dilger at (505)925-8910 or [Valencia Student Services](#). If you are a main campus student, you can receive documentation from the main campus Accessibility Resource Center. I will not guarantee accommodation without the appropriate documentation.

Collegial Behavior: Since I assume you are all adults, I will expect respectful adult behavior. Engaging in disruptive or unruly behavior could result in your being asked to leave, at which time you will be counted absent, and a referral will be sent to the Associate Dean of Student Services. Continuing to behave in this way could result in your being dropped from the course. Disruptive or unruly behavior includes but is not limited to:

- texting or talking on your cell phone at any time during class,
- continually talking with your neighbor when we are not working on a group activity,
- working on homework from another class,
- reading material or watching media on a mobile device not related to this course or at a time that is inappropriate,
- refusing to participate in the class activities.

Academic Integrity

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy:

<https://policy.unm.edu/regents-policies/section-4/4-8.html>. The policy states:

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

Academic Dishonesty is defined as:

"Academic dishonesty" includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

Title IX Statement: In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see pg. 15 - <http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-ix.pdf>). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>

COVID-19 Statement: [UNM Administrative Mandate on Required Vaccinations](#)
All students, staff, and instructors are required by [UNM Administrative Mandate on Required Vaccinations](#) to be fully vaccinated for COVID-19 as soon as possible, but no later than September 30, 2021, and must provide proof of vaccination or of a UNM validated limited exemption or exemption no later than September 30, 2021 to the [UNM vaccination verification site](#). Students seeking medical exemption from the vaccination policy must submit a request to the [UNM verification site](#) for review by the UNM [Accessibility Resource Center](#). Students seeking religious exemption from the vaccination policy must submit a request for reasonable accommodation to the [UNM verification site](#) for review by the [Compliance, Ethics, and Equal Opportunity Office](#). For further information on the requirement and on limited exemptions and exemptions, see the [UNM Administrative Mandate on Required Vaccinations](#).

UNM Requirement on Masking in Indoor Spaces

All students, staff, and instructors are required to wear face masks in indoor classes, labs, studios, and meetings on UNM campuses, see [masking requirements](#). Vaccinated and unvaccinated instructors teaching in classrooms must wear a mask when entering and leaving the classroom and when moving around the room. Instructors who are not vaccinated (because of an approved medical or religious exemption), or who are not vaccinated yet, must wear their masks at all times. Students who do not wear a mask indoors on UNM campuses can expect to be asked to leave the classroom and to be dropped from a class if failure to wear a mask occurs more than once in that class. With the exception of the limited

cases described above, students and employees who do not wear a mask in classrooms and other indoor public spaces on UNM campuses are subject to disciplinary actions.

Communication on change in modality: The university may direct that classes move to remote delivery at any time to preserve the health and safety of the students, instructor, and community. Please check your email and your UNM Learn site regularly for updates about our class, and please check <https://bringbackthepack.unm.edu> regularly for general UNM updates about COVID-19 and the health of our community.

Acceptable masks and mask wearing in class: A two-layer mask that covers the nose and mouth and that is cleaned regularly is acceptable, as are disposable medical masks, KN95, KF94, FFP1 and FFP2 masks. A face shield is not sufficient protection. It is vital that you wear your mask correctly, covering your nose and mouth. Removing your mask for an extended period to eat or drink in class violates the university mask requirement and endangers others.

Consequences of not wearing a mask properly: If you don't wear a mask, or if you do not wear a mask properly by covering your nose and mouth, you will be asked to leave class. If you fail to wear a mask properly on more than one occasion, you can expect to be dropped from the class. If you insist on remaining in the classroom while not wearing a mask, class will be dismissed for the day to protect others and you will be dropped from the class immediately.

The instructor will try to have a few disposable masks available in the classroom on a first-come, first-served basis.

FOR MILITARY-CONNECTED STUDENTS

There are resources on campus designed to help you succeed. You can approach any faculty or staff for help with any issues you may encounter. Many faculty and staff have completed the GREEN ZONE training to learn about the unique challenges facing military-connected students. If you feel that you need help beyond what faculty and/or staff can give you, please reach out to the Veterans Resource Center on main campus at 505-277-3181, or by email at vrcenter@unm.edu. The Veterans Coordinator at UNM-Valencia is in the Student Services Office, at 505-925-8560.

IMPORTANT DATES with respect to this class:

- Individual Presentations*: TBD
- Last date to drop without a "W": September 10th, 2021
- Fall Break: October 14th - 15th, 2021
- Final Projects and Presentations due: TBD
- There will be NO Final Exam!

*Individual presentations: The students will create a 15-minute presentation/discussion on a topic related to engineering. Powerpoints or visuals are required. Be prepared to answer questions. Every student must participate in the live discussion, or via the discussion board.

** All homework assignments must be emailed before the deadline by 5:00 pm.

Semester Deadlines

Fall 2021– 16-week classes (deadlines will be different for first and second 8-week classes)

- Monday, August 23: First day of class, classes available in Blackboard Learn
- Friday, September 3, by 5:00 PM: Last day to add a class or to change credit hours or grade mode in LoboWEB.
- Monday, September 6: Labor Day, no classes
- Friday, September 10: Last day to drop without "W" grade and with 100% refund on LoboWEB
- October 14-15 Fall Break, no classes
- Friday, November 12: Last day to drop *without* Dean's permission on LoboWEB. Will receive "W" grade and will be responsible for tuition for the course.
- November 25-26: Thanksgiving Break, no classes
- Friday, December 10: Last day to drop with permission form.
- December 13-18: Final Exams