

ENGINEERING (ENGR)

ENGR 1001. Engineering Computing. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1112. Introduction To Engineering. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1213. Graphics and Design. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1401. Dean's Leadership Council. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1410. Freshman Engineering Orientation I. 0 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1411. Engineering Thinking. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1420. Freshman Engineering Orientation II. 0 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1421. Engineering Design. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1510. Selected Topics. 0-3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 1552. Math Catalyst. 2 Credit Hours.

Course Type: Lecture

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ENGR 1652. Engineering Catalyst. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2002. Professional Development. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2003. Engineering Practice I. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2113. Rigid Body Mechanics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2153. Strength Of Materials. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2213. Thermodynamics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2281. Engineering Co-Op Program. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2313. Structure And Properties Of Materials. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2411. Statics. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2421. Dynamics. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2431. Electrical Circuits. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2441. Structures. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2451. Strengths. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2461. Thermodynamics. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2471. Engineering Ethics. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2531. Electrical Circuits II. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2613. Electrical Science. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2652. Research Catalyst. 2 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 2970. Special Topics/Seminar. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3051. Experiential Leadership. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3223. Fluid Mechanics. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3293. Applied Engineering Statistics. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3401. Engineering Economics. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3411. Numerical Methods. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3421. Engineering Statistics. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3431. Electromechanical Systems. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3440. Mentored Research Experience. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3441. Fluid Mechanics. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3510. Selected Topics. 0-3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3511. Engr Orientation Trans Student. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3723. Numerical Methods For Engineering Computation. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3960. Honors Reading. 1-3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3970. Honors Seminar. 1-3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3980. Honors Research. 1-3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 3990. Independent Study. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4003. Engineering Practice. 3 Credit Hours.**Course Type:** Internship

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4013. Leadership Mgt Engineers. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4023. Disrup & Innov Tech Ideation. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4051. Lincoln Leadrshp & Innovation. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4113. Educ Outreach STEM Majors. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4223. Fundamentals Of Engineering Economy. 3 Credit Hours.**Course Type:** Lecture

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ENGR 4510. Selected Topics. 1-6 Credit Hours.

Prerequisite: upper-division or graduate standing. Selected topics on current or special topics relating to engineering. May be structured for students in other areas.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4513. Intro to Sustainable Engr. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 4970. Special Topics/Seminar. 3 Credit Hours.**Course Type:** Lecture

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ENGR 4990. Independent Study. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 5113. Educ Outreach STEM Majors. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 5900. Professional Practice. 6 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 5960. Directed Readings. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 5970. Special Topics/Seminar. 1-3 Credit Hours.

Prerequisite: 1 to 3 hours. Graduate standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 5980. Research For Master's Thesis. 2-9 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 5990. Independent Study. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 6960. Directed Readings. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 6970. Special Topics/Seminar. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 6980. Research For Doctor's Dissertation. 2-16 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

ENGR 6990. Independent Study. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).