

# Engineering Pre-Major

Through our Partners in Engineering Program (PEP) agreement with University of Wisconsin-Platteville, Nicolet College students can earn an Associate of Science – Engineering Pre-major degree at Nicolet College while concurrently earning a Bachelor of Science degree from UW-Platteville in

- Mechanical Engineering
- Electrical Engineering
- Industrial & Systems Engineering

## Program Outline

| COURSE #   | COURSE TITLE   | CREDITS |
|------------|--|---------|
| 2089010100 | Foundations of University Learning   | 1.00    |
| 20801219   | English Composition I<br>Develops expository writing and critical thinking skills, including clarity, concision, concreteness, and completeness of expression, supported by reasoning, organization, and language conventions. Lecture.  | 3.00    |
| 20801223   | English Composition II<br>Advances composition skills, emphasizing well-reasoned argumentative research papers. Lecture. Credits: 3. Prerequisite(s): 2080121900 English Composition I (D- or better) or 1080119500 W ritten Communication (B or better).  | 3.00    |
| 20810201   | Fundamentals of Speech<br>Examines theory and process of communication, the role of speech in self- development, the art of persuasion, topic selection, the use of research-based evidence, and audience analysis. Includes organizing speech content, speech delivery, and critique via presentation of informative and persuasive speeches and development of effective extemporaneous speaking style. Students gain self-confidence, proficiency, and poise. | 3.00    |
| N/A        | Humanities<br>Select courses from at least two disciplines: art, journalism/writing, history, literature, music, philosophy, theatre/film, world language.<br><a href="#">View Courses and Descriptions (PDF)</a>  | 6.00    |
| N/A        | Social Sciences<br>Select courses from at least two disciplines: anthropology, economics, political science, history, psychology, geography, sociology.<br><a href="#">View Courses and Descriptions (PDF)</a>   | 6.00    |
| N/A        | Mathematics & Natural Science  | 20.00   |

| COURSE # | COURSE TITLE                     | CREDITS |
|----------|----------------------------------|---------|
| COURSE # | COURSE TITLE                     | CREDITS |
| 20804236 | Calculus & Analytic Geometry I   | 5       |
| 20804240 | Calculus & Analytic Geometry II  | 5       |
| 20806245 | College Chemistry                | 5       |
| 20806286 | College Physics I Calculus Based | 5       |

[View Courses and Descriptions \(PDF\)](#)

|     |                                    |      |
|-----|------------------------------------|------|
| N/A | Health/Wellness/Physical Education | 1.00 |
|-----|------------------------------------|------|

|   |                          |      |
|---|--------------------------|------|
| N/A   | Diversity/Ethnic Studies | 0.00 |
| Courses that meet this requirement may also count toward Humanities or Social Science. These credits are not in addition to the 60 credits required for the degree. |                          |      |

[View Courses and Descriptions \(PDF\)](#)

|  |                |      |
|--|----------------|------|
| N/A  | World Language | 4.00 |
| May be met with one year high school, with a grade of "C" or better, or one semester in college. |                |      |

[View Courses and Descriptions \(PDF\)](#)

|  |           |       |
|--|-----------|-------|
| N/A  | Electives | 13.00 |
| 20806249 College Chemistry II (5 credits)  |           |       |
| <i>If pursuing Electrical or Mechanical Engineering take:</i>  |           |       |
| 20804241 Calculus & Analytic Geometry III (5 credits) 20806287 College Physics II Calculus Based (5 credits) |           |       |
| Additional credits, if needed, to meet the 13-credit elective requirement.                                   |           |       |

**Total Credits: 60.00**

Talk with a Success Coach about the program outline. Together, you will determine if credits you've already earned satisfy any requirements, discuss possible alternative courses, and choose the best classes if you're thinking of transferring.

## At A Glance

## How You'll Learn

Summer 2026 Start Date

**May 18** - Summer Term Start  
**June 15** - Additional Term Start for Select Courses

## Fall 2026 Start Dates

**August 31** - 16-Week Fall Term Start  
**October 26** - Additional 8-Week Term Start for Select Courses

## Spring 2027 Start Dates

**January 11** - 16-Week Spring Term Start  
**March 15** - Additional 8-Week Term Start for Select Courses

[VIEW FULL ACADEMIC CALENDAR](#)

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### Program Tuition\*

**\$12,240**

### Books & Supplies\*

**\$3,308**

\*Total cost for degree completion is estimated by current course requirements, books, and supplies. Tuition and fees are set by the Wisconsin Technical College System and subject to change.

Financial Aid Eligible

► [Potential Indirect Costs](#)

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## What You'll Learn

- Apply forms of effective communication in various contexts
- Demonstrate quantitative reasoning
- Demonstrate critical and/or creative thinking
- Apply scientific methods
- Demonstrate cultural awareness
- Apply ethics to individual, social, environmental, and informational contexts

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## Possible Bachelor's Degree Majors

The Engineering Pre-major is designed to meet requirements toward the first two years of an engineering major bachelor's degree.

[LEARN MORE ABOUT TRANSFER GUIDES](#)

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## Get Started

Your application can be submitted online, it takes just a few minutes to complete.

[APPLY NOW](#)