



ELECTRICAL ENGINEERING

2+2 ENGINEERING TRANSFER PROGRAM

Program Overview

Electrical and electronics engineers design, develop, and test electrical and electronic equipment, components, and systems. This projected high growth sector offers above average median annual wages and often rewards those with practical experience who earn a bachelor's degree.

Students interested in science, technology, engineering, and math may consider a degree in electrical engineering with an innovative 2+2 transfer program between University of Findlay (UF) and Wright State University (WSU).

Students interested in this engineering pathway must be approved to participate prior to completing their first semester registration at UF by choosing either the Chemistry or Mathematics-Applied Emphasis for Engineering Science major and informing their academic advisor. Upon approval to participate, the student will be provided with a degree plan to follow and their registration will be verified by advisors at both institutions in order for the student to be eligible to transfer under the 2+2 plan.

Students who complete the general education courses at University of Findlay may satisfy Wright State University's core courses. The pathway requires 120 credit hours comprised of math and science courses that satisfy ABET requirements and the same

options as WSU's four-year BSEE students. Students must earn a minimum 2.0 GPA from the University of Findlay in order to transfer to Wright State and applications are processed as they are received.

Program Highlights

Progressive Growth Potential - Students who start their path at the University of Findlay may begin the program building their confidence with approved UF core courses and benefit from small class sizes and individualized attention before transferring to a larger institution. In addition to offering a Bachelor's program, Wright State University offers advanced coursework. This allows eligible students to further their growth potential after earning their Bachelor's to progress into Master's or even PhD courses in electrical engineering.

Advising Support - Students will benefit from dedicated advising support throughout their coursework to monitor their progress toward completion.

ABET Accrediting Requirements - ABET EAC accreditation criteria for 2023-2024 can be found at <https://www.abet.org/accreditation/accreditation-criteria/accreditation-policy-and-procedure-manual-appm-2023-2024>.



University of Findlay



WRIGHT STATE
UNIVERSITY

WHY 2+2 TRANSFER?

Study how to make big dreams become reality—with gradual entry steps into an engineering program that allows you to benefit from small class sizes and a community that builds your confidence while you enjoy all the amenities a private DII school offers. Students experience the best of both institutions with concurrent enrollment in designated courses as they progress toward their degree and consider broader career goals.

12:1

UF
faculty-
to-student
ratio

4

semesters
of study at
University of
Findlay

4

semesters
of study at
Wright State
University

HIGH GROWTH INDUSTRIES FOR ELECTRICAL ENGINEERS:

ALTERNATIVE ENERGY

TRANSPORTATION

5G WIRELESS COMMUNICATIONS

ADMISSIONS AND DEADLINES

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from the University of Findlay in order to transfer to Wright State. Wright State processes applications as they are received. To help you make a smooth and timely transition, we recommend you submit your application by the following dates:

Fall Semester: **April 1**

Spring Semester: **October 15**

Summer Semester: **February 1**

In order to be admitted fully as an electrical engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25. In addition, students will need to complete the following courses:

- At Findlay: ENGL 104 (C or higher) and MATH 141
- At Wright State: EE 2000/2000L

TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Center
138 Student Union
3640 Colonel Glenn Hwy., Dayton, OH 45435
937-775-5700
transfer@wright.edu

CONTACT INFORMATION

University of Findlay
College of Sciences
300 Davis Street
Findlay, OH
419-434-4869
lok.lewyanvoon@findlay.edu

Wright State University
280 Joshi Research Center
3640 Colonel Glenn Hwy.
Dayton, OH
937-775-5272
cecs-advisors@wright.edu

SAMPLE CURRICULUM

Year 1 at UF

Fall Semester

ENGL104 College Writing I: Introduction to Academic Writing 3 hrs
HIST220 European Civilization from 476-1648 OR
HIST221 European Civilization since 1648 3 hrs
MATH141 Calculus I 4 hrs
PHIL220 Ethical Issues of the Modern World OR
PHIL224 Ethics and Technology 3 hrs

Spring Semester

ART100 Art Appreciation
ENGL205 Introduction to Literature
MUSC234 Music Appreciation OR
THEA100 Introduction to Theatre 3 hrs
ENGL106 College Writing II: Academic Writing and Research 3 hrs
MATH342 Linear Algebra or Technical Elective 3 hrs
POLS100 Introduction to Political Science 3 hrs
PSYC100 General Psychology 3 hrs

Year 2 at UF

Fall Semester

BIOL251/251L Biology I: Introduction to Cell and Molecular Biology + Lab
AND BIOL252/252L Biology II: Biology II: Biodiversity, Form, and Function + Lab
OR CHEM130/130L General Chemistry I + Lab 3 + 1 hrs
CSCI194 Introduction to Python Programming 3 hrs
ENGL272 Introduction to Technical Communication 3 hrs
MATH142 Calculus II 4 hrs
PHYS252 Calculus-Based Physics I 4 hrs

Spring Semester

CSCI240 Software Design I 3 hrs
MATH250 Calculus III 4 hrs
OR MATH310 Differential Equations 3 hrs
MATH342 Linear Algebra 4 hrs
OR Technical Elective 3 hrs
PHYS252 Calculus-Based Physics II 4 hrs
Any Catalog Elective 1 hr

Years 3 & 4 at WSU

Electrical Engineering full-major classes at Wright State. Advanced math, electrical engineering, and WSU Core. Courses are generally available Fall and Spring.

