



Introducing an Engineering Pathway

for Wittenberg University Students

Take your physics degree to the next level by earning a dual degree in engineering. Wittenberg University is partnering with Indiana Tech to make it possible for students to earn an engineering degree entirely online while attending classes on campus at Wittenberg.

- Students can take engineering classes online starting in their second year and graduate from Wittenberg University with a dual degree in physics and engineering! See chart on side 2 for more information about online coursework that dual degree students complete simultaneously with their Wittenberg courses.
- Student success advisors provide support and resources to assist you.

PROGRAM OPTIONS FOR INDIANA TECH'S ONLINE B.S. ENGINEERING DEGREE:

- Computer Engineering
- Electrical Engineering
- Industrial and Manufacturing Engineering
- Mechanical Engineering



[ACADEMICS.INDIANATECH.EDU/TALWAR](https://academics.indianatech.edu/talwar)

A PARTNERSHIP
**built
for you.**

LEARN MORE.

To learn more about your eligibility for this program:

Elizabeth George

Pre-Engineering Program Director
Wittenberg University

937.327.7854

egeorge@wittenberg.edu

To learn more about Indiana Tech's online engineering program or to enroll:

Jeri Burkhart

Director of Admissions
Indiana Tech

574.527.3062

jlburkhart@indianatech.edu

INDIANA **TECH**

wittenberg
UNIVERSITY

DUAL DEGREE:**B.A. Physics from Wittenberg University | B.S. Engineering from Indiana Tech****YEAR 2 FALL**

| | | |
|-----------------|---|---|
| EGR 1710 | Engineering Graphics and Design | 3 |
| ECE 1000 | Introduction to Circuit Simulation and PCB Design | 3 |

YEAR 2 SPRING

| | | |
|-----------------|-----------------------------|---|
| EM 2010 | Statics | 3 |
| EGR 1600 | Engineering Problem Solving | 3 |

YEAR 3 FALL

| | | |
|----------------|----------------------------|---|
| EM 2700 | 3D CAD Parametric Modeling | 3 |
|----------------|----------------------------|---|

YEAR 3 SPRING

| | | |
|----------------|--|---|
| MA 2430 | Probability & Statistics for Engineers | 3 |
|----------------|--|---|

YEAR 4 FALL

| | | |
|-----------------|--|---|
| MET 4260 | Applied Thermodynamics and Heat Transfer | 4 |
| EGR 2000 | Engineering Communication | 3 |

YEAR 4 SPRING

| | | |
|-----------------|------------------------------------|---|
| EGR 2600 | Materials Science | 3 |
| EGR 1500 | Computer Programming for Engineers | 3 |
| | Concentration Course | 3 |
| | Concentration Course | 3 |

YEAR 5 FALL

| | | |
|-----------------|--|---|
| EGR 2650 | Manufacturing Processes | 3 |
| ECE 3400 | Programmable Logic Controllers & Lab | 3 |
| EGR 4400 | Professional Practice | 3 |
| MET 3500 | Fluid Mechanics and Hydraulic Machines | 3 |
| | Concentration Course | 3 |

YEAR 5 SPRING

| | | |
|-----------------|----------------------|---|
| EGR 4962 | EGR Senior Project | 3 |
| | Concentration Course | 3 |
| | Concentration Course | 3 |
| | Concentration Course | 3 |
| | Concentration Course | 3 |