College of ENGINEERING

DUAL ENROLLMENT OPPORTUNITY

Provides students with the opportunity to take engaging courses through the College of Engineering to enhance their knowledge in the field and bridge the student experience from secondary to postsecondary education.

PROGRAMS OF STUDY

PUP Engineering

This special selection of four engineering courses gives students early access to the field of engineering, with hands-on experiences in WT engineering labs and all of the instruction is taught by university engineering professors. Students take their courses on the WT campus, with university students, giving them the true experience of a college student.

PUP Computer Science

This special selection of four computer science courses gives students early access to the field of computer science, with hands-on experiences in WT computer science labs and all of the instruction is taught by university computer science professors. Students take their courses on the WT campus, with university students, giving them the true experience of a college student.

FEATURES

- $150 per course
- Digital textbooks provided at no cost
- Classes held on WT Campus
- Courses taught by WT faculty

Contact us for more information!

806-651-5370 pup@wtamu.edu wtamu.edu

1st Year of Engineering PUP Program
Junior Year

FALL

ENGR 1301 & 1301L
Fundamentals of Engineering

Comprehensive study of fundamental engineering concepts and principles, including a systematic approach to problem solving.

***Must be enrolled in Pre-Calculus or MATH 1314**

SPRING

ENGR 1304 & 1304L
Engineering Graphics

Fundamentals of engineering graphics using computer aided drafting and design.

***Must be enrolled in Pre-Calculus or MATH 1316**

2nd Year of Engineering PUP Program
Senior Year

FALL

ENGR 1375 & 1375L
Engineering Circuits

Comprehensive study of the fundamental principles of DC and AC circuits with emphasis on circuit analysis, problem solving and applications.

*Must have completed MATH 1314
*Must be enrolled in AP Calculus

SPRING

CS 1315
Programming Fundamentals

Introduces the fundamental concepts ofprocedural programming.

*Must have completed MATH*1314 and MATH*1316 or MATH*2412
*Must be enrolled in AP Calculus

1st Year of Computer Science PUP Program
Junior Year

FALL

CS 1301
Introduction to Computer Science

Introduction to Computer Science that provides an understanding of the field and focuses on algorithmic problem solving skills.

*Must be enrolled in Pre-Calculus or MATH 1314

SPRING

CS 1337 & 1337L
Programming Principles I

Fundamentals of object-oriented programming paradigm and software development.

*Must be enrolled in Pre-Calculus or MATH 1316

2nd Year of Computer Science PUP Program
Senior Year

FALL

MATH/CS 2321
Discrete Structures

Discrete mathematics as they apply to computer science, focusing on providing a solid theoretical foundation.

*Must have completed MATH 1316 or MATH 2412
*Must be enrolled in AP Calculus

SPRING

CS 2337 & 2337L
Programming Principles II

Course on programming using C++ and data abstraction and implementation for those abstractions.

*Must have completed CS 1337 and CS 2321
*Must be enrolled in AP Calculus