

Greetings of peace, love and prosperity!

Welcome to the College of Engineering of Benguet State University!

This year marks a significant and remarkable milestone to the University and to the College as we offer new degree programs-the Bachelor of Science in Civil Engineering, Bachelor of Science in Industrial Engineering and Bachelor of Science in Electrical Engineering. With this, we now expand our opportunities to serve more students within the Region. Education is now getting closer to anybody else. Recently we have been receiving a lot of inquiries from potential students and even parents with the interest to enroll in Civil Engineering or Electrical Engineering or Industrial Engineering but we were not able to give definite response. Today, the long wait is over. We are officially inviting those interested students to enroll in their chosen degree program at the college. The door of College of Engineering is wide open to accommodate interested enrollees.

The enthusiastic and strong support of BSU administration, President Felipe Salaing Comila, was instrumental in the success of this endeavor and shall be remembered throughout history. In one of the flag raising's ceremony, President Comila shared about Jabez in the book of Chronicles who had the shortest ever-recorded prayer in the bible, praying for protection and that his territory be expanded. Perhaps the President have prayed in the same manner and that BSU is now expanding in many ways which particularly allowed the College of Engineering to expand by offering additional engineering programs.

Again, to our students, on behalf of the College of Engineering, it is my distinct pleasure to welcome you.

Umali kayo man eskwela sina BSU.

LEONARDO D. DUMALHIN
Dean, College of Engineering

COLLEGE OF ENGINEERING



CONTACT US:



dean.ceat@bsu.edu.ph



Bsu Engineeringcollege

College of Engineering
Benguet State University
La Trinidad, 2601, Benguet

Bachelor of Science
in

Electrical Engineering

College of Engineering



BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Degree Program:	Bachelor of Science in Electrical Engineering
Type of Program:	Bachelor's Degree
Department:	Department of Electrical Engineering
Total No. of Years:	4
Total No. of Units:	196

PROGRAM DESCRIPTION

Electrical Engineering is a profession that applies the basic principles of science in conjunction with mathematical and computational tool to solve problems associated with developing and sustaining civilized life on our planet. It is one of the broadest engineering disciplines both in terms of the range problems that fall within the preview and in the range of knowledge required to solve problems. The completion of an electrical engineering project involves the solution of technical problems in which information from numerous sources and myriad non-technical factors play a significant role. Most common examples of electrical engineering works includes dams, power plants, building wirings, and electrical distribution system.

PROGRAM OUTCOMES

1. Succeed in the professional practice of Electrical Engineering evidenced by advancement in the chosen career.
2. Identify problems related to Electrical Engineering and provide electrical design systems as well as analysis and interpretation of data.
3. Understanding professional and ethical responsibility.
4. Participate actively to address social, technical and business challenges vital to national progress and development.

CURRICULUM

CLASSIFICATION	UNITS
I. Technical courses	
A. Mathematics	12
B. Natural Sciences	8
C. Engineering Sciences	11
D. Allied Courses	34
E. Professional Courses	68
F. Electives	6
TOTAL (TECHNICAL)	139
II. Non-Technical Courses	
A. Core Courses	28
B. Electives	12
C. Mandated Course	3
D. Physical Education	8
E. National Service Training Program	6
TOTAL (NON-TECHNICAL)	57
GRAND TOTAL	196