ACADEMICS ENGINEERING

Civil EngineeringComputer EngineeringElectronics EngineeringElectrical EngineeringMechanical EngineeringComputer ScienceInformation Technology

Civil engineering

Civil engineering deals with the design, construction and maintenance of physical and naturally built environments, including works such as bridges, roads, canals, dams and buildings. This field is traditionally broken into several subdisciplines, including environmental engineering, geotechnical engineering, structural engineering, transportation engineering, municipal or urban engineering, water sources engineering, materials engineering, coastal engineering, surveying and construction engineering. Civil engineering takes place In all levels: in the public sector from municipal to national levels, and in the private sector from individual homeowners to international companies.

PROGRAM EDUCATIONAL OBJECTIVES

The University will produce Civil Engineering graduates who are:

professionally competent and globally competitive;

equipped with technical competencies and are able to contribute to the country’s social and economic progress;

lifelong learners imbued with the UE core values of Excellence, Integrity, Professionalism, Teamwork, Commitment, Transparency, Accountability and Social Responsibility.

STUDENT OUTCOMES

Ability to apply knowledge of mathematics and science to solve engineering problems.

Ability to design and conduct experiments, as well as to analyze and interpret data.

Ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability, in accordance with standards.

Ability to function in multidisciplinary teams.

Ability to identify, formulate and solve engineering problems.

Understanding of professional and ethical responsibilities.

Ability to communicate effectively.

Broad education necessary to understand the impact of engineering solutions in global, economic, environmental and societal contexts.

Recognition of the need for and an ability to engage in lifelong learning.

Knowledge of contemporary issues.

Ability to use techniques, skills and modern engineering tools necessary for engineering practice.

Knowledge and understanding of engineering and management principles as a member and leader in a team, to manage projects in multidisciplinary environments.

CAREER OPPORTUNITIES

Project Manager

Project Engineer

Structural Engineer

Resident Engineer

Quantity Surveyor

Quality Control Engineer

Application Engineer

Project Control Executive

Site Engineer

Planning Engineer

Design Engineer

Water and Sanitation Engineer

UE’S CE ACHIEVEMENTS

Philippine Accrediting Association of Schools, Colleges and Universities (PAASCU) Level II Re-Accredited

UE’s CE licensure exam topnotchers include Engrs. Jeffrey P. Cimagala (6th, November 2007), Ramil Rosulo E. Asis (1st, November 2006), Jordan C. Ragsac (4th, November 2006), Ma. Victoria G. Belarma (10th, November 2006) and Christopher D. Lozano (10th, November 2005), among many others.

FACULTY

Engr. Alexander D. Co – Department Chair, Civil Engineering

Faculty Members

Hadji Peejay U. Aranda – BSCE, DLSU (2002); MSCE, DLSU (ongoing)

Alexander D. Co – BSCE, TIP (1997); MEng, Structural Engg., PLM (2011)

John Rei M. Gomez – BSCE, UE (2014), MES, UE (2021)

Eduardo Jr. B. Leron – BSCE, UE (2012), MES, UE (2021)

Victor R. Macam Jr. – BSCE, UP Diliman (1983); MSCE, UP Diliman (1990); Doctor of Engineering, Nihon University, Japan

Reyman Solas – BSCE, AdU (2010); MSCE, TUP (ongoing)

CE Achievements to be added to the existing contents.

Fitzgerald M. Tañala (PICE’s Most Outstanding Civil Engineering Student 2020)

Engr. Christian Mark N. Macapagao (3rd Place, CE Board Exam November 2019)

Christian Mark N. Macapagao (Champion, NCR National Civil Engineering Student’s Quiz 2018)

Engr. Charles Warren M. Go (3rd Place, CE Board Exam November 2017)

Caloocan Campus | 1st Sem. 2024-2025

For Filipino Students

Arts and Sciences

Accountancy and Business Administration

Engineering

Fine Arts, Architecture and Design

Basic Education

• Kindergarten

• Elementary

• Junior High

• Junior High (Science-Based)

• Senior High

For International Students

Arts and Sciences

Accountancy and Business Administration

Engineering

Fine Arts, Architecture and Design

Basic Education

• Kindergarten

• Elementary

• Junior High

• Junior High (Science-Based)

• Senior High