



Republic of the Philippines
BATANGAS STATE UNIVERSITY
The National Engineering University

Alangilan Campus

Golden Country Homes, Alangilan, Batangas City, Batangas, Philippines 4200

Tel Nos.: (+63 43) 425-0139; local 2146; (+63 43) 425-0143

E-mail Address: eteeap.alangilan@g.batstate-u.edu.ph | Website Address: <http://www.batstate-u.edu.ph>

Expanded Tertiary Education Equivalency and Accreditation Program Office

CURRICULUM

Bachelor of Science in Computer Engineering

Academic Year 2022-2023

BOR Resolution No. 02, s. 2022: Resolution Approving the Offering and Granting Degrees through Expanded Tertiary Education Equivalency and Accreditation Program (ETEEAP) and the Policies for its Implementation

University Vision

A premier national university that develops leaders in the global knowledge economy.

University Mission

A university committed to producing leaders by providing a 21st century learning environment through innovations in education, multidisciplinary research, and community and industry partnerships in order to nurture the spirit of nationhood, propel the national economy, and engage the world for sustainable development.

Core Values

- **Patriotism**

This value extends from promoting love of country to taking pride in being a Filipino. The University advocated a strong sense of commitment to national ideals through its active promotion of Philippine culture and heritage, as well as concern for the environment and the nation's natural biodiversity, all of which lead to the creation of a pool of professionals that are instrumental for nation building.

- **Integrity**

This pertains to the University's steadfast adherence to morally-sound principles and ideals in the pursuit of institutional goals and objectives. It covers the values of accountability, honesty, righteousness, incorruptibility, and decency in the governance and implementation of academic, administrative, financial policies.

- **Excellence**

This represents the drive of the University to pursue greatness. It includes the cultivation of a culture of excellence in the hearts and minds of the stakeholders, and the continuous improvement in the systems by which the University operates on. This value pushes the institution to go beyond the standard levels of performance, and be in a position of leadership that would inspire the people and other institutions to serve the country in the highest degree.

- **Service**

This refers to the genuine desire of the University to respond to the growing needs of the community. It encompasses the selfless performance of the University's mandates, and its duty to constantly meet the challenges of development in the country in the spirit of uplifting the lives of the Filipino people.



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- **Resilience**

This refers to the ability to conquer the different challenges, hardships and tests of time. This value encompasses the commitment of the University to support the government in pursuing sustainable development, and foster disaster risk reduction and management by dedicating its efforts towards strengthening readiness and capacity of the community and its people.

- **Faith**

The University's initiatives and activities are guided by a strong faith in a Supreme Being. These are anchored on high regard and respect for the beliefs and orientation of each member of the academic community for a productive and meaningful co-existence.

DETAILS OF ASSESSMENT CRITERIA FOR AWARDING OF CREDITS

COURSE CODE	DEMONSTRABLE COURSES	UNITS
CpE 411	Data Structures and Algorithms	2
CpE 417	Microprocessors	4
CpE 418	Software Design	4
CpE 423	Scaling Networks	1
CpE 427	Connecting Networks and Security	4
CpE 428	Embedded Systems	4
CpEE 403	Cognate/Elective Course 3 – Artificial Intelligence Track	3
CpE 430	CpE Practice and Design 2	2
ENGG 405	Technopreneurship	3

*REQUIRED COURSE