



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 2222 / 2223

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

College of Informatics and Computing Sciences

TRAINING PLAN
BS Computer Science

Trainee: **Edrick L. Canzana**

Level: **3rd Year**

Specialization: **Web Development / Front-End**

Training Schedule: **8:00 - 5:00 Monday - Friday**

Duration: **162 hours**

RATIONALE

As per requirements of the Computer Science program, each student must undergo a 162-hours internship program. It is an immersion program wherein the students will have the opportunity to practice what they learn in a specific IT industry. This program is important because the students will have the chance to apply the skills, knowledge and attitude they acquired in school and at the same time the opportunity to experience the corporate environment.

Through this training program, this will support the achievement of the program educational objectives and student outcomes as specified by the University. The students' experiences will serve as benchmark information on the demands of the computing industry profession which will serve as a basis for the improvement of the curriculum and instruction; justification for advancement in laboratory facilities, equipment, materials and capabilities; and generation of ideas for research and extension.

The students may be given specific tasks that will allow them to function effectively in teams to accomplish common goal. They are also encouraging to write their own application form; reports and all the required paper works that is needed to complete the assign task to them

The start of the implementation of the training should be in abidance with the existing rules and guidelines of the OJT Office complying with all the necessary requirements as specified by the same.

PROGRAM EDUCATIONAL OBJETIVES

The alumni of BS Computer Science program, about three to five years after graduation shall:

1. Help create innovations to ensure the competitive edge of the Philippines computing industry.
2. Adhere to ethical standards in the practice of the computing profession.

STUDENT OUTCOMES

Six (6) student outcomes may be achieved through the completion of this course:

1. Ability to analyze complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Ability to design, implement, and evaluate a computing based – solution to meet given set of computing requirements in the context of the program's discipline.
3. Ability to communicate effectively in a variety of professional contexts.
4. Ability to recognize professional responsibilities and make informed judgement in computing practice based on legal and ethical principles.

Leading Innovations, Transforming Lives, Building the Nation



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5. Ability to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Ability to apply computer science theory and software development fundamentals to produce computing-based solutions.

GENERAL OBJECTIVE

The student is required to finish 162 hours CS Internship Training; the student must comply with the training plan provided by the employer or the University.

SPECIFIC OBJECTIVES


At the end of the training period, it is anticipated that:


1. The student trainee has acquired enough knowledge for their chosen field of specialization.
2. The student trainee successfully applied the knowledge they gained in the academe.
3. The student trainee has completed all the requirements given by the industry and by the University.
4. The student must expose to the majority, if not all suggested training targets specified in the In-Plant training guide written below.

TRAINING LEARNING GUIDE

Given in the table, the suggested activities of the students in their training to gain knowledge in specific subjects (or the course description given) and the possible stations or work descriptions the students may be assigned with.

| COURSE DESCRIPTION | SUGGESTED ACTIVITIES | WORK DESCRIPTION |
|----------------------|--|---|
| Programming | <ul style="list-style-type: none">• Exposure to programming languages like C++, Java, Visual.NET, Python, etc.• Able to make a program or application using the latest programming language | MIS Officer/Programmer |
| Software Engineering | <ul style="list-style-type: none">• Exposure to the system development life cycle, approaches, processes and quality Assurance• Able to submit deliverables with proper documentations. | MIS Officer/SystemAnalyst / Software Engineer |


Mr. Orville F. Fajil
Supervisor, ICT Services


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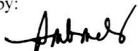
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| | | |
|------------------|--|--|
| Software Testing | <ul style="list-style-type: none">• Exposure to different Software testing techniques and procedure to ensure the quality and functionality of the• Software being develop Able to use different software testing applications. | MIS Officer / Quality Control officer/ Software Tester |
| Research | <ul style="list-style-type: none">• Exposure on IT/CS-related research projects• To assist trainer in the conduct of research, compilation of data, implementation of ideas and helping with the writing of research paper | Research Staff/IT Staff |


Mr. Danilo F. Pajilar
Supervisor,
ICT services

- Any other applicable trainings related to CS that the industry may offer are very much appreciated.

Noted by:



Dr. PRINCESS MARIE B. MELO
Dean, CICS

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