

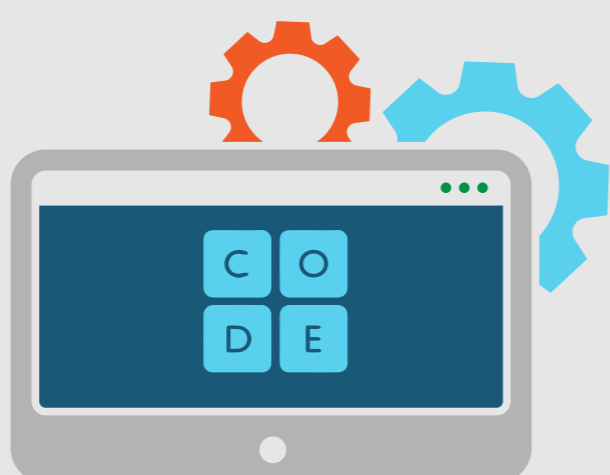
# STUDYING K12 PROGRAMMING COURSE AT CIIT PHILIPPINES



What Makes CIIT's Computer Programming Course Unique?

## COMPUTER PROGRAMMING COURSE

under Tech-Voc Track—ICT Strand  
Leading to CIIT's Bachelor of Science in Computer Science  
(with specialization in Game Development and Mobile Technologies)



**Adaptation of the Code.org Curriculum**



**Preparation for Philippine Programmers Rating (PPR)**

Experience real-world programming while in senior high school! Immerse yourself in an industry-ready curriculum that focuses on students' knowledge and skills development in the current methods of software development and design. Here's an overview of studying K12 programming course at CIIT Philippines.



**Step 1** Begin CIIT's K12 Programming Strand under the TVL-ICT Track

**Step 2** Take up and pass the following subjects:

- ✓ Introduction to Computing
- ✓ Computer Programming 1 & 2
- ✓ Data Structure and Algorithm
- ✓ Information Management
- ✓ Object-Oriented Programming
- ✓ Introduction to Game Design & Development
- ✓ Game Programming



**Step 3** Graduate from Senior High School and receive your SHS diploma

**3A**

You can pursue employment upon receiving your SHS diploma.

### Career Paths You Can Take:

- System Programmer
- System Analyst
- Software Application Developer/Engineer
- Graphics Programmer
- Game Designer
- Senior Interactive Software Developer

**3B**

Continue college at CIIT Philippines and take up **Bachelor of Science in Computer Science (with specialization in Game Development and Mobile Technologies)**. In doing so, applicable subjects taken from SHS will be credited.

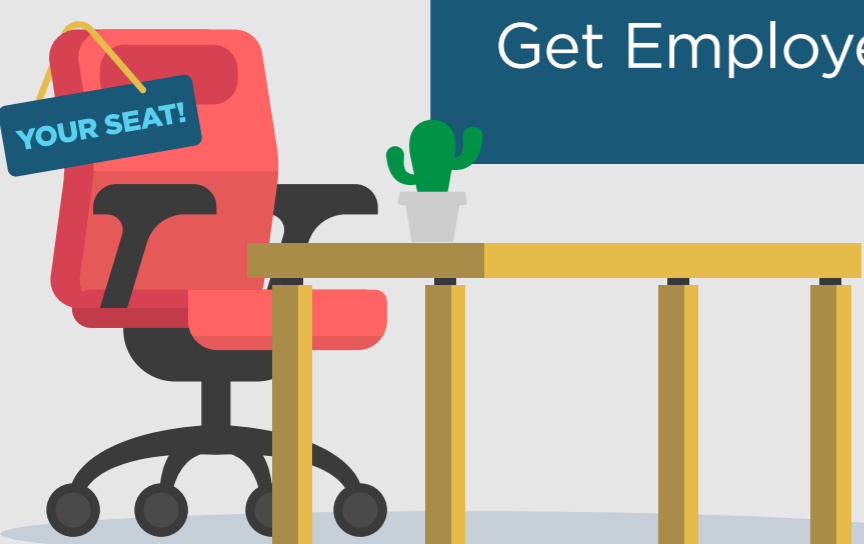
### What You Will Learn:

- ✓ Computer Programming
- ✓ Programming Languages
- ✓ Information Management
- ✓ Architecture and Organization
- ✓ Human-Computer Interaction
- ✓ Relational Database Management System
- ✓ Web Design and Programming
- ✓ Information Assurance and Security
- ✓ Data Structures and Algorithms
- ✓ Operating Systems
- ✓ Applications Development and Emerging Technologies
- ✓ Game Design and Development
- ✓ Technopreneurship

### Career Paths You Can Take:

- Programmer
- Web Developer
- Mobile Application Developer
- Full Stack Developer
- Game Developer
- Software Engineer
- Quality Engineer
- Digital Transformation Manager
- Business Analyst
- Data Scientist

**Step 4**  
Get Employed!



Join our growing family! Enroll a K12 programming course in one of the premier schools, CIIT Philippines! Contact us or visit CIIT Alabang or CIIT Kamuning for inquiries.

**CIIT** College of Arts and Technology

