



Republic of the Philippines
Department of Education
REGION VII - CENTRAL VISAYAS
DIVISION OF CITY SCHOOLS - TAGBILARAN CITY

**Office of the Schools Division
Superintendent**

DIVISION MEMORANDUM

CID-2025- 051

TO : **CORAZON H. SAMUYA - DCPNHS – JHS**
LEGARDO R. PALACA JR. – DCPNHS - SHS
JENELOU JOHN F. ISRAEL – MANGA NHS
GRACE MARIE L. CAMPOS – TAGBILARAN CITY SCIENCE HS

FROM : **WILFREDA D. BONGALOS PhD, CESO V**
Schools Division Superintendent

SUBJECT : **EXPLORERS` ACADEMY**

DATE : February 20, 2025

1. This Office, through the Curriculum and Implementation Division (CID) invites your school to participate **Explorers` Academy with the theme: “Empowering Young Minds Through Technology and Innovation”, on March 22, 2025 at Cristal-e College, Tawala, Panglao, Bohol.**

2. A Registration Fee of **Three Hundred Pesos (Php 300.00) per participant including the coach** will be collected to cover the lunch, two snacks, and merchandise/kits and shall be charged against school PTA and other local funds subject to the usual accounting and auditing rules and regulations.

3. Kindly refer below the allocation of participants per school.

Name of School	Number of Participants	Number of Coach
Dr. Cecilio Putong National High School – Junior High School	2 JHS learners	1 teacher-coach
Dr. Cecilio Putong National High School – Senior High School	2 SHS learners	1 teacher-coach
Manga National High School	1 JHS learner 1 SHS learner	1 teacher-coach
Tagbilaran City Science High School	1 JHS learner 1 SHS learner	1 teacher-coach

4. For further details about the event, **Mr. Esmeraldo L. Calalin**, Managing Director Cristal-e College at +639773162285 or visit Cristal-e College, Tawala, Panglao.

5. Immediate dissemination of this Memorandum is directed.



H. Zamora St., Dampas, Tagbilaran City, Bohol
(038)427-1702; (038)427-2506
tagbilarancity.division@deped.gov.ph



Office of the Marketing Department:

February 19, 2025

WILFREDA D. BONGALOS PhD, CESO V
Schools Division Superintendent
Tagbilaran City Division

Subject: Proposal for Partnership: *Explorer's Academy - Arduino, Multimedia and Podcasting Workshops*

RECEIVED
BY: _____ TIME: _____
DATE: 2/19/2025 CTN: 2-190
Received by: _____
FEB 19 2025
10:30 AM

Dear Dr. Bongalos,

Warm Greetings in Christ's Name!

In line with the Department of Education's thrust to promote 21st-century skills and integrate technology into education, Cristal e-College is pleased to propose a partnership for the *Explorer's Academy – Arduino, Multimedia, and Podcasting Workshop* with the theme: *Empowering Young Minds Through Technology and Innovation*.

This workshop aims to equip Grade 12 selected Senior High students with valuable skills in technology and communication through three key focus areas:

- **Arduino Program:** Introducing students to electronics, programming, and innovation through hands-on experiences using Arduino microcontrollers.
- **Multimedia Skills Development:** To enhance students' understanding and application of multimedia tools and techniques in a learning environment.
- **Podcasting Session:** Providing students with a creative platform for self-expression and advocacy, aligned with current social media trends.

Objectives: The activity seeks to achieve the following:

1. **Develop Technical Skills:** Equip participants with foundational knowledge and practical skills in coding, electronics, and robotics.
2. **Foster Creativity and Innovation:** Inspire students to design solutions to real-world challenges using technology.
3. **Encourage Advocacy and Expression:** Empower students to use podcasting as a platform for personal expression and advocacy through imaginative thinking in designing, scripting, and producing engaging podcast episodes.
4. **Introduce Digital Media Tools:** Familiarize participants with multimedia and podcasting equipment, editing software, and publishing platforms.
5. **Build Collaboration:** Enhance teamwork, communication, critical thinking, and analytical skills through collaborative projects.

Event Details:

- **Date & Time:** March 22, 2025 (Saturday) @ 8:00AM ~ 4:30PM
- **Registration Fee:** ₱300 per participant (inclusive of Lunch, 2 snacks, and merchandise)



To ensure the success of this initiative, Cristal e-College seeks the support of DepEd Tagbilaran City Division by involving selected secondary schools under your jurisdiction as pilot schools in the implementation of this event.

As part of the partnership, Cristal e-College commits to:

- Including the DepEd Tagbilaran City Division in all event-related exposure and promotional materials.
- Recognizing DepEd Tagbilaran City Division as a co-signatory on Certificates of Participation.

For your reference, we have attached the program, guidelines, and mechanics for the said workshops.

We look forward to your positive response to this partnership proposal. Should you have any inquiries, please do not hesitate to contact us at 0977-316-2285 (Globe).

Respectfully yours,

ESMERALDO L. CALALIN
Managing Director/Marketing Consultant
Mt. Banat-I Devt. Corp/Cristal e-College

Confirmed by:

DR. WILL TYRON B. TIROL
President
Cristal e-College



Cristal e-College, in partnership with the **DepEd Bohol Division** and **DepEd Tagbilaran City Division**, is proud to present an exciting event dubbed **Explorer's Academy** with the theme: "*Empowering Young Minds Through Technology and Innovation*". This event offers participants the opportunity to engage in hands-on **Arduino, Multimedia, and Podcasting Workshops**, fostering skills and insights for the future.

Explorer's Academy is a dynamic and engaging initiative designed to ignite curiosity and inspire personal growth among its participants. Built around the concept of exploration, the program encourages students to step out of their comfort zones, discover new skills, and uncover potential career paths.

Junior and Senior High School students (Grade 10 and Grade 12) from selected public and private schools, identified as pilot schools within the **DepEd Bohol and Tagbilaran City Divisions**, are invited to join this transformative event. Inspired by the success of the previously sponsored events, Explorer's Academy aims to spark students' passions and guide them toward achieving professional success in today's global industries.

The event is set to launch on **Saturday, March 22, 2025**, with a **registration fee of ₱300.00** inclusive of cover lunch, two snacks, and merchandise/kits.

Here is a detailed breakdown of what Explorer's Academy will include:

- A. Activity Design** : Arduino Workshop
- Title : Ignite Innovators: A Day with Arduino
- Theme : Empowering Young Minds Through Technology and Innovation
- Date and Time : March 22, 2025 @ 8:00 AM – 4:30 PM
- Venue : Computer Laboratories
- Target Participants : One representative each from Grade 10 and Grade 12 of selected schools in DepEd Bohol and Tagbilaran City Divisions (pilot schools).

1. Objectives:

- a. Introduce participants to Arduino as a versatile electronic platform;
- b. Foster creativity and problem-solving skills through hands-on activities;
- c. Encourage collaboration and teamwork in a technological setting; and
- d. Provide an enjoyable and insightful learning experience that inspires participants

2. Program Flow:

a. Morning Session

a.1 Opening Program and Orientation

- 8:00 – 8:30 AM: Registration and Welcome Activity
 - Icebreaker games and distribution of kits/materials
- 8:30 – 9:00 AM: Opening Ceremony
 - Welcome Remarks by the Principal, STEM Program Coordinator or VP Acad
 - Brief Overview of the Event Objectives
- 9:00 – 9:15 AM: Proceed to the Workshop Venue
- 9:15 – 9:45 AM: Introduction to Arduino
 - Explanation of Arduino Basics and Components
 - Demonstration of Simple Projects

a.2 Hands-On Session 1

- 9:45 – 10:45 AM: Getting Started with Arduino
 - Guided activity: Setting up Arduino and writing basic code
- 10:30 – 10:45 AM: Working Break

a.3 Hands-On Session 2

- 10:45 AM – 12:00 NN: Interactive Project: Blinking LEDs and Sensors
 - Participants create simple LED patterns and experiment with a basic sensor

b. Lunch Break: 12:00 – 1:00 PM

c. Afternoon Session

c.1 Hands-On Session 3

- 1:00 – 2:30 PM: Collaborative Project: Build Your Creation
 - Teams conceptualize and create a mini-project (e.g., temperature detector, light-sensitive device)
 - Presentation and Showcase
- 2:30 – 3:30 PM: Project Presentation and Testing
 - Teams present their projects to peers and mentors
 - Live demonstration of projects

c.2 Recognition and Closing

- 3:30 – 4:00 PM: Awarding of Certificates and Recognition of Notable Projects
 - Distribution of participation certificates
 - Announcement of outstanding projects (e.g., Most Innovative, Best Design)
- 4:00 – 4:30 PM: Closing Remarks and Group Photo

B. Activity Design	: Multimedia Workshop: Basic 3D Animation using Blender
Title	: Animating Worlds: Mastering 3D with Blender
Theme	: Unleashing Creativity Through 3D Animation: Transforming Ideas into Digital Realities
Date and Time	: March 22, 2025 @ 8:00 AM – 4:30 PM
Venue	: ICT Laboratories
Target Participants	: One representative each from Grade 10 and Grade 12 of selected schools in DepEd Bohol and Tagbilaran City Divisions (pilot schools).

1. **Objectives:**

- a. Develop foundational skills in 3D modeling and animation using Blender software.
- b. Understand key principles of 3D animation, including modeling, rigging, and rendering.
- c. Create simple 3D animations that showcase creativity and technical proficiency.
- d. Encourage innovation by applying learned techniques to bring ideas to life digitally.

2. **Program Flow:**

a. Morning Session

a.1 Opening Program and Orientation

- 8:00 – 8:30 AM: Registration and Welcome Activity
 - Icebreaker games and distribution of kits/materials
- 8:30 – 9:00 AM: Opening Ceremony (CeC Covered Court)
 - Welcome Remarks by the Principal, STEM Program Coordinator or VP Acad
 - Brief Overview of the Event Objectives
- 9:00 – 9:15 AM: Proceed to the Workshop Venue
- 9:15 – 12:00 NN: Training on Basic 3D Animation
 - Overview of the Blender interface and tools
 - Navigation and basic setup of a 3D workspace

- 3D Modelling Basic: Creating and Manipulating objects
- Lighting and scene setup, Basic Animation Principles & Rendering

b. Lunch Break: 12:00 – 1:00 PM

c. Afternoon Sessions

c.1 Hands-On Session 1

- 1:00 – 2:30 PM: Crafting of Outputs (3D Animation)
 - Model Creation Challenge: Participants create a basic 3D model (e.g., a house, character, or object) using Blender tools.
 - Scene Design, Texturing, and Lighting Exploration: Design a scene with background and objects, apply proper texturing, and experiment with lighting setups to create mood and highlight details.
 - Simple Animation Task: Animate a bouncing ball or moving object using keyframes and interpolation techniques.
 - Participants work in groups to create a complete 3D scene, combining models, textures, and animations.
 - Rendering Outputs: Set up cameras and render the final animation or scene as an image or video file.

d. Final Session

d.1 Showcase of Output

- 2:30 – 3:30 PM: Presentation of Output
 - Present completed projects to the group, explaining the process and techniques used

d.2 Recognition and Closing

- 3:30 – 4:00 PM: Awarding of Certificates and Recognition of Notable Podcasts
 - Distribution of participation certificates
 - Announcement of awards (e.g., Most Creative Concept, Best Production)
- 4:00 – 4:30 PM: Closing Remarks and Group Photo

C. Activity Design : Podcasting Workshop

Title : Amplify Your Voice: A Podcasting Workshop for Aspiring Creators

Theme : Unleashing Creativity and Storytelling Through the Power of Podcasts

Date and Time : March 22, 2025 @ 8:00 AM – 4:30 PM

Venue : ICT Laboratories

Target Participants : One representative each from Grade 10 and Grade 12 of selected schools in DepEd Bohol and Tagbilaran City Divisions (pilot schools).

1. Objectives:

- a. Introduce participants to the basics of podcasting, including planning, recording, and editing.
- b. Enhance communication, storytelling, and collaboration skills.
- c. Cultivate creativity and critical thinking in developing engaging content.
- d. Inspire participants to explore podcasting as a medium for expression and advocacy.

2. Program Flow:

a. Morning Session

a.1 Opening Program and Orientation

- 8:00 – 8:30 AM: Registration and Welcome Activity
 - Icebreaker games and distribution of kits/materials
- 8:30 – 9:00 AM: Opening Ceremony (CeC Covered Court)
 - Welcome Remarks by the Principal, STEM Program Coordinator or VP Acad

- Brief Overview of the Event Objectives
- 9:00 – 9:15 AM: Proceed to the Workshop Venue
- 9:15 – 9:55 AM: Introduction to Podcasting
 - What is a podcast? Its impact and uses
 - Key components of a podcast (theme, structure, target audience)
- a.2 Hands-On Session 1
 - 9:55 – 11:00 AM: Planning Your Podcast
 - Brainstorming session: Choose a topic and define your audience
 - Creating a basic outline/script
 - 10:45 – 11:00 AM: Working Break
- a.3 Hands-On Session 2
 - 11:00 AM – 12:00 NN: Recording Basics and Voice Training
 - Practical tips for clear and engaging narration
 - Hands-on: Practice using microphones and recording devices
- b. Lunch Break: 12:00 – 1:00 PM
- c. Afternoon Session
 - c.1 Hands-On Session 3
 - 1:00 – 2:30 PM: Editing and Adding Effects
 - Introduction to basic editing software
 - c.2 Hands-on: Add intro music, sound effects, and edit recordings
- d. Final Session
 - d.1 Output Presentation
 - 2:30 – 3:30 PM: Podcast Showcase
 - Teams present their podcast episodes
 - Peer and mentor feedback
 - d.2 Recognition and Closing
 - 3:30 – 4:00 PM: Awarding of Certificates and Recognition of Notable Podcasts
 - Distribution of participation certificates
 - Announcement of awards (e.g., Most Creative Concept, Best Production)
 - 4:00 – 4:30 PM: Closing Remarks and Group Photo

D. GUIDELINES and MECHANICS:

1. Eligibility:

All secondary schools in Panglao Island (Dauis-Panglao districts) and selected private and public secondary schools from outside the island are invited to participate in the event.

2. Categories:

Schools may participate at two (2) levels: Junior High School (Grade 10) and Senior High School (Grade 12), under three (3) categories: Arduino Workshop, Podcasting Workshop, and Multimedia Workshop.

3. Participation:

Each school may send up to two (2) representatives per category—Arduino Workshop, Podcasting Workshop, and Multimedia Workshop—at each level, or as communicated to the respective schools by the organizer.

4. Confirmation and Submission:
 - a. Schools must confirm their participation and submit all required documents on or before March 15, 2025 at 11:00AM to aldo@cec.edu.ph .
 - b. The required details are as follows:
 - b.1 Full names of participants and the coach/chaperone
 - b.2 Digital copies of the participants' school IDs (in jpeg format)
 - b.3 Contact Number and FB account of the focal person
5. Cristal e-College will provide resources and materials needed for the workshops.
6. Evaluation: Post-event feedback forms to evaluate participants' learning experiences.

E. AWARDS/PRIZES:

1. Winners & Participants of this event/contest shall receive as follows:

Best Arduino Integration Award (Arduino)	Per Team: Certificate of Recognition per member and 20% discount on tuition fee for First Semester & Second Semester per member
Best Arduino Innovator Award	Per Team: Certificate of Recognition per member and 20% discount on tuition fee for First Semester & Second Semester per member
Best in 3D Animation Award (Multimedia)	Per Team: Certificate of Recognition per member and 20% discount on tuition fee for First Semester & Second Semester per member
Best Animation Technique	Per Team: Certificate of Recognition per member and 20% discount on tuition fee for First Semester & Second Semester per member
Most Creative Concept Award	Per Team: Certificate of Recognition per member and 20% discount on tuition fee for First Semester & Second Semester per member
Best Production (Podcasting)	Per Team: Certificate of Recognition per member and 20% discount on tuition fee for First Semester & Second Semester per member
2nd Prize	Per Team: Medal + Certificate of Recognition per member and 15% discount on tuition fee for one semester per member
3rd Prize	Per Team: Medal + Certificate of Recognition per member and 10% discount on tuition fee for one semester per member
Consolation	None winners will receive a Certificate of Participation and a 5% discount on tuition fees for one semester

2. The decision of the Board of Judges is final and irrevocable.

Winners will be posted on the official CRISTAL e-COLLEGE Facebook page, CeC web page, and CeC Ad page in Bohol Tribune.

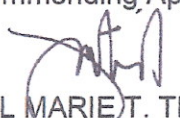
For inquiries, please contact us at +63 977 316 2285, email us at aldo@cec.edu.ph , or visit the Academic Office at **Cristal e-College, Tawala, Panglao, Bohol**.

Respectfully yours,




ESMERALDO L. CALALIN
 Managing Director/ Marketing Consultant
 Mt. Banat-I Dev't Corp/Cristal e-College

Recommending Approval:



JUCIL MARIE T. TIROL, MAEd
 VP for Academic Affairs
 Cristal e-College



WILL TYRON B. TIROL, Ph.D.
 President
 Cristal e-College