



<b>School Year</b>	2025-2026
<b>Subject</b>	ICT/Robotics 6
<b>Grade Level</b>	Grade 6 Blessed Ceslao / St. Hyacinth of Poland
<b>Teacher</b>	Mr. Ian Crisostomo, Jr.
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**COURSE DESCRIPTION/ OBJECTIVES:**

This course is intended to help students gain knowledge and skills in Desktop Publication (Adobe Photoshop CS6) Animation (Adobe Flash CS6) Video Editing (PowerDirector18) Web development HTML5 and using Google sites, Robotics (mBlock |mBot). Proper application of technology, the efficient production of technology, and the assessment of the effects of technology prepare students for success in the modern world. The study of technology allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. In addition to their general academic and technical knowledge and skills, students gain an understanding of career opportunities available in technology.

**PRIMARY TEXTBOOK & OTHER RESOURCES:**

Our School website: <http://www.dishs.tp.edu.tw>

Adobe Creative Suites 6 by: Jennifer Smith, Christopher Smith, and Fred Gerantabee

Adobe Photoshop CS6 by: Barbara Binder Website: [GCFlearnfree.org](http://GCFlearnfree.org)

How Computers Work the sixth Edition by: Ron White Learning Web Design by:

mBot Discovery: Learn & Teach Robotics in 12 Fun Lessons, 2018 by David Romano

Adobe Photoshop CS6 Classroom in a Book / Edition 1

Adobe Flash Professional CS6

PowerDirector 18

HTML 5

Google Sites

**ASSESSMENT:**

**The quarterly grade will be awarded for all student work based on the following criteria:**

Class participation, Homework, Hands-on/practical Quizzes and Tests- 1/1 of quarterly grade

Major Projects and Assignments- 1/1 of quarterly grade

Quarterly Exams- 1/1 of the quarterly grade

**ADDITIONAL REMINDER AND INFORMATION:**

**Student Materials**

**Required:**

e-Portfolio /photos/document

Pencil, eraser

Paper/Notebook

USB Flash drive

### **Classroom Expectations:**

1. Be on time to class; be seated before the bell rings.
2. Wear your uniform neatly.
3. Use English at all times.
4. Come prepared with books, assignments, and supplies and without gum, food, or drink (a sealable water bottle is okay).
5. Be respectful of others (especially when speaking), and of school property.
6. Do your best and participate.
7. Ask permission before leaving the class; a take hall pass.
8. Wait for the bell to ring before you leave class.
9. **Always follow the Computer Code of Ethics | IT Policy for Students**

**Cyberbullying: What is it and how to stop it** [UNICEF](#)

### **Discipline:**

Verbal warning, second reminder (if needed)

Write-Up and then refer to the Discipline Office.

Parent-Teacher conference.

### **Monitor During Class:**

On-going Assessment(s)

Review/check the student's work on FTP /Flash drive

Student Activity Checklist/Score

## **1st QUARTER – TENTATIVE COURSE CONTENT**

<b>FUNDAMENTALS OF COMPUTERS / DESKTOP PUBLISHING (ADOBE PHOTOSHOP)</b>	
<b>Week / Date</b>	<b>Topic / Projects / Assessments</b>
<b>Week 1</b> <b>Aug 11<sup>h</sup> to 15<sup>th</sup></b>	ICT Orientation, Observation, and Computer Ethics  <a href="#"><u>IT Policy for Students</u></a>
<b>Week 2</b> <b>Aug 18<sup>th</sup> to 22<sup>nd</sup></b>	Computer Generations and the Computer Workflow
<b>Week 3</b> <b>Aug 25<sup>th</sup> to 29<sup>th</sup></b>	Photoshop CS6 Interface / Getting to Know the Work Area
<b>Week 4</b> <b>Sep 1<sup>st</sup> to 5<sup>h</sup></b>	Basic Photo Correction
<b>Week 5</b> <b>Sep 8<sup>th</sup> to 12<sup>th</sup></b>	Working with Selections
<b>Week 6</b> <b>Sep 15<sup>th</sup> to 19<sup>th</sup></b>	Layer Basics

<b>Week 7</b> <b>Sep 22<sup>rd</sup> to 26<sup>th</sup></b>	Correcting and Enhancing Digital Photographs
<b>Week 8</b> <b>Sep 29<sup>th</sup> to Oct 3<sup>rd</sup></b>	Mask and Channels
<b>Week 9</b> <b>Oct 6<sup>th</sup> to 10<sup>th</sup></b>	<b>1st Quarter Exam and Final Completion of Activities</b>

## **2<sup>nd</sup> QUARTER – TENTATIVE COURSE CONTENT**

<b>ANIMATION (ADOBE FLASH PROFESSIONAL)</b>	
<b>Week / Date</b>	<b>Topic / Projects / Assessments</b>
<b>Week 1 (10)</b> <b>Oct 13<sup>th</sup> to 17<sup>th</sup></b>	Introduction to Adobe Flash Professional CS6
<b>Week 2 (11)</b> <b>Oct 20<sup>th</sup> to 24<sup>th</sup></b>	The Animation and Motion Behaviors
<b>Week 3 (12)</b> <b>Oct 27<sup>th</sup> to Oct 31<sup>st</sup></b>	Your Basic Flash Animation
<b>Week 4 (13)</b> <b>Nov 3<sup>rd</sup> to Nov 7<sup>th</sup></b>	Getting Started with Flash Interface
<b>Week 5 (14)</b> <b>Nov 10<sup>th</sup> to 14<sup>th</sup></b>	Frame-by-frame animation
<b>Week 6 (15)</b> <b>Nov 17<sup>th</sup> to 21<sup>st</sup></b>	Tweening and masking
<b>Week 7 (16)</b> <b>Nov 24<sup>th</sup> to 28<sup>th</sup></b>	Motion and Shape animation
<b>Week 8 (17)</b> <b>Dec 1<sup>st</sup> to Dec 5<sup>th</sup></b>	Music and Animation
<b>Week 9 (18)</b> <b>Dec 8<sup>th</sup> to 12<sup>h</sup></b>	2nd Quarter Exam
<b>Dec 13<sup>th</sup> to Jan 2<sup>nd</sup></b>	<b>Christmas Break</b>

## **3<sup>rd</sup> QUARTER – TENTATIVE COURSE CONTENT**

<b>VIDEO EDITING (CYBER LINK POWER DIRECTOR 18)</b>	
<b>Week / Date</b>	<b>Topic / Projects / Assessments</b>
<b>Week 1 (19)</b> <b>Jan 5<sup>th</sup> to 9<sup>th</sup></b>	The Power Director 18 Interface (Introduction)
<b>Week 2 (20)</b> <b>Jan 12<sup>th</sup> to 16<sup>th</sup></b>	Understanding aspect ratio and production

<b>Week 3 (21)</b> <b>Jan 19<sup>th</sup> to 23<sup>rd</sup></b>	Video Editor settings
<b>Week 4 (21)</b> <b>Jan 26<sup>th</sup> to 30<sup>th</sup></b>	The Effects and Transitions
<b>Week 5 (22)</b> <b>Feb 2<sup>rd</sup> to 6<sup>th</sup></b>	The Text and video animations
<b>Week 6 (23)</b> <b>Feb 9<sup>th</sup> to 13<sup>th</sup></b>	The green screen effects
<b>Feb 16<sup>th</sup> to 20<sup>th</sup></b>	<b>Chinese New Year</b>
<b>Week 7 (25)</b> <b>Feb 23<sup>rd</sup> to 27<sup>th</sup></b>	The Audio processing guide
<b>Week 8 (26)</b> <b>March 2<sup>nd</sup> to 6<sup>th</sup></b>	The Video Processing /Video Production
<b>Week 9 (27)</b> <b>March 9<sup>th</sup> to 13<sup>th</sup></b>	3 <sup>rd</sup> Quarter Exam ( <b>Project-based learning</b> )

### **4th QUARTER – TENTATIVE COURSE CONTENT**

<b>WEB DEVELOPMENT GOOGLE SITE AND ROBOTICS (MBOT)</b>	
<b>Week / Date</b>	<b>Topic / Projects / Assessments</b>
<b>Week 1 (28)</b> <b>March 16<sup>th</sup> 20<sup>th</sup></b>	Introduction to Robotics
<b>Week 2 (29)</b> <b>March 23<sup>rd</sup> to 27<sup>th</sup></b>	mBot Assembly / Parts of mBot
<b>March 30- April 3</b>	<b>Easter Break</b>
<b>Week 3 (30)</b> <b>April 6<sup>th</sup> to 10<sup>th</sup></b>	Introduction to Block Coding Program
<b>Week 4 (31)</b> <b>Apr 13<sup>th</sup> to 17<sup>th</sup></b>	Connecting by USB, Bluetooth or 2.4GHz
<b>Week 5 (32)</b> <b>Apr 20<sup>th</sup> to 24<sup>th</sup></b>	Play Music Program
<b>Week 6 (33)</b> <b>Apr 27<sup>th</sup> to May 1<sup>st</sup></b>	The LED Display Program
<b>Week 7 (34)</b> <b>May 4<sup>th</sup> to 8<sup>th</sup></b>	Move-in a Square Program
<b>Week 8 (35)</b> <b>May 11<sup>th</sup> to 15<sup>th</sup></b>	4 <sup>th</sup> Quarter Exam