Computer Science and Information Technology I

Syllabus

Teacher Mr. Michael T. Palombo Sr. **Voice** 380-0200 ext. 138
Room # 138 **E-mail*** mpalombo@capemaytech.com

please note: add the words **"Parent Note"** in the subject line of any Email to ensure delivery

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Course Description:

Students will study and configure a Windows Foundation Server in the classroom and work toward their Microsoft A+. Program and design a functional Web Site in HTML. Assemble and program VEX IQ Robotics. Students will work with NFC (Near Field Technology) in an applied program environment.

Course Objective:

Students in this course will develop competence in contemporary IT applications.

Course Requirements:

Course requirements include projects, lectures, reading, tests, mid-term and final examinations

Criteria for Assessing Student Performance:

Each marking period grade is calculated using the following criteria

CATEGORY	PERCENTAGE
Projects	60%
Tests	30%
Class Participation	10%

The final grade is calculated by the following criteria

Each Marking Period	20%
Midterm examination	10%
Final examination	10%

Benchmark: Mid-term and Final Exam are weighted separately

Computer Science and Information Technology II

Syllabus

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Course Description:

Students will study and configure a Windows Foundation Server in the classroom and work toward their Microsoft A+. Program and design a functional Web Site with a data base engine in HTML 5 or Visual Basic. Assemble and program VEX IQ Robotics. Students will work with Java as well as NFC (Near Field Technology) in an applied program environment.

Course Objective:

Students in this course will develop competence in contemporary IT applications.

Course Requirements:

Course requirements include projects, lectures, reading, tests, mid-term and final examinations

Criteria for Assessing Student Performance:

Each marking period grade is calculated using the following criteria

CATEGORY	PERCENTAGE
Projects	60%
Tests	30%
Class Participation	10%

The final grade is calculated by the following criteria

Each Marking Period	20%
Midterm examination	10%
Final examination	10%

Benchmark: Mid-term and Final Exam are weighted separately

Computer Science and Information Technology III

Syllabus

Teacher Mr. Michael T. Palombo Sr. **Voice** 380-0200 ext. 138
Room # 138 **E-mail*** mpalombo@capemaytech.com

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Course Description:

Students will study and configure a Windows Foundation Server in the classroom and work toward their Microsoft Certification MCSA and Microsoft A+. Assemble and program VEX IQ Robotics, research and apply Drone Technology to a practical us. Students will continue with a Java curriculum with an application project due in the fourth quarter.

Course Objective:

Students in this course will develop competence in contemporary IT applications.

Course Requirements:

Course requirements include projects, lectures, reading, tests, mid-term and final examinations

Criteria for Assessing Student Performance:

Each marking period grade is calculated using the following criteria

CATEGORY	PERCENTAGE
Projects	60%
Tests	30%
Class Participation	10%

The final grade is calculated by the following criteria

Each Marking Period	20%
Midterm examination	10%
Final examination	10%

Benchmark: Mid-term and Final Exam are weighted separately