

# Technology Support

## Certificate

### ***DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS***

There is an increased need for technology support specialists that are knowledgeable in systems (Linux and Windows) and web technologies. The purpose of this certificate is to expose students (re-entering or new to the Information Technology field) to a series of technologies and skills that, as a whole, will provide a strong foundation to work as a support technician or helpdesk support in the technology field. The certificate will require students to complete a summer internship to provide students with the experience needed for a first job. Some of the courses in this certificate will provide students with pathways to industry certifications that are widely used as standards in the IT industry.

#### **PROGRAM FOOTNOTES**

##### **Program Electives:**

CS 113 Fundamentals of IT,  
CS 213 Database Management Systems,  
CS 243 Computer Networks II

Students are encouraged to get MOS certified before graduating from the program.

COURSE	COURSE TITLE	CREDITS
<i>First Year</i>	<i>Semester 1</i>	
CS 107	Fundamentals of the Internet	1
CS 108	Fundamentals of Web Design	1
CS 109	Web and Social Media	1
CS 110	Introduction to Computer Science	4
CS 242	Computer Networks	4
CS 118	Scripting	3
	<b>credits:</b>	14
<i>First Year</i>	<i>Semester 2</i>	
CS 116	Fundamentals of Cyber Security	4
CS 141	Systems Management	3
	Program Elective	3/4
CS 280	Computer Science Internship	1
	<b>credits:</b>	11/12
	<b>Total Credits:</b>	25/26

MASSBAY  
COMMUNITY COLLEGE