

## Agenda

Date: March 27, 2014

Where: Florian Hall  
Central Maine Commerce Center  
45 Commerce Drive, Augusta

Time: 3:30 - 7:30 p.m.

3:30 - 4:30 Technology Fair

4:30 - 4:45 Welcome

4:45 - 5:20 Student Challenge

5:20 - 5:30 Challenge Results

5:30 - 5:55 Pizza Dinner

5:55 - 7:05 Activity Breakout Sessions

7:05 - 7:30 Trivia Questions/Closing

## Activities

- Application Design Exercise - students will work in a team and will be asked to design an innovative use of technology using mobile applications as inspiration. Each team will design an application that will provide a functional and useful service to the citizens of the state of Maine.
- Marshmallow Challenge - students work in teams and are given a set of materials, and a deadline for building the best tower they can.
- A pizza dinner - the students have a chance to mingle and talk to each other as well as our volunteers and business partners.



## For More Information :

email: [TechNight.OIT@maine.gov](mailto:TechNight.OIT@maine.gov)  
[www.maine.gov/oit/technight](http://www.maine.gov/oit/technight)



*“Encourage all students to consider a career in IT. This rewarding field offers many options and almost guarantees a well-paying job after graduation that will help Maine’s economy grow.”* - Governor Paul R. LePage

## Job Outlook

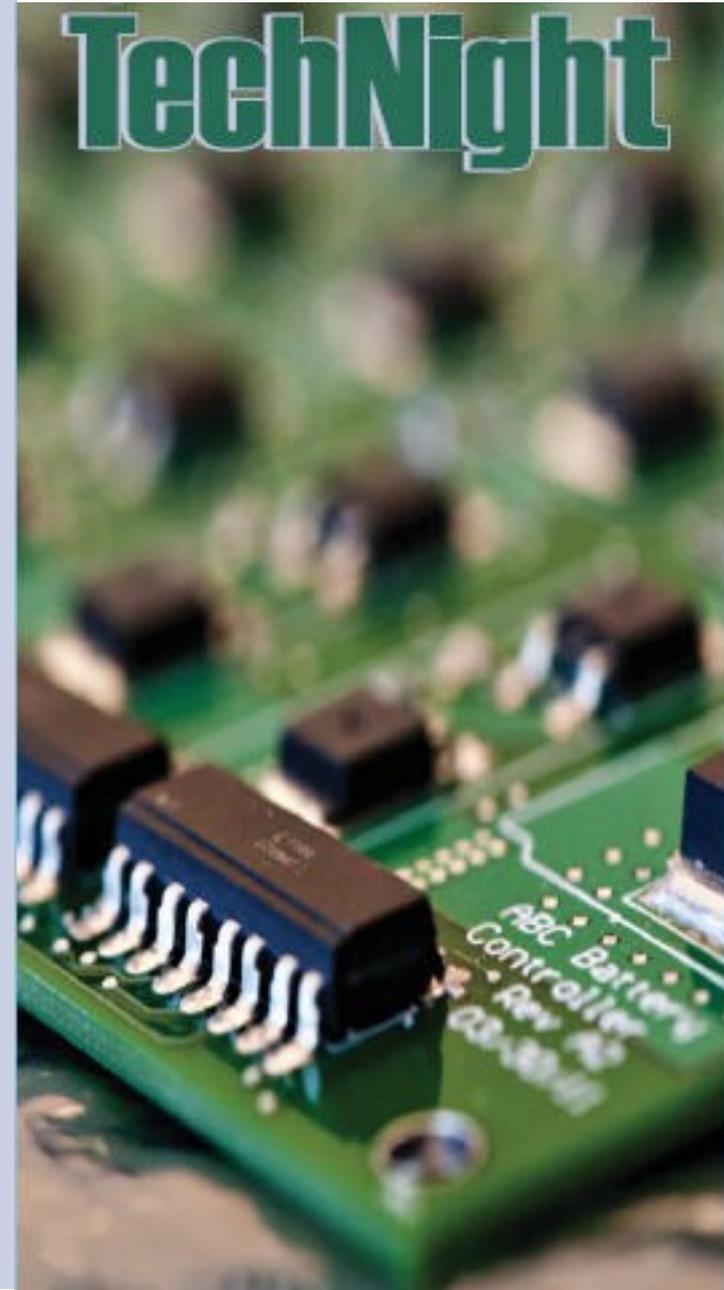
Employment of software developers is projected to grow 30 percent from 2010 to 2020, much faster than the average for all occupations. Employment of applications developers is projected to grow 28 percent, and employment of systems developers is projected to grow 32 percent.

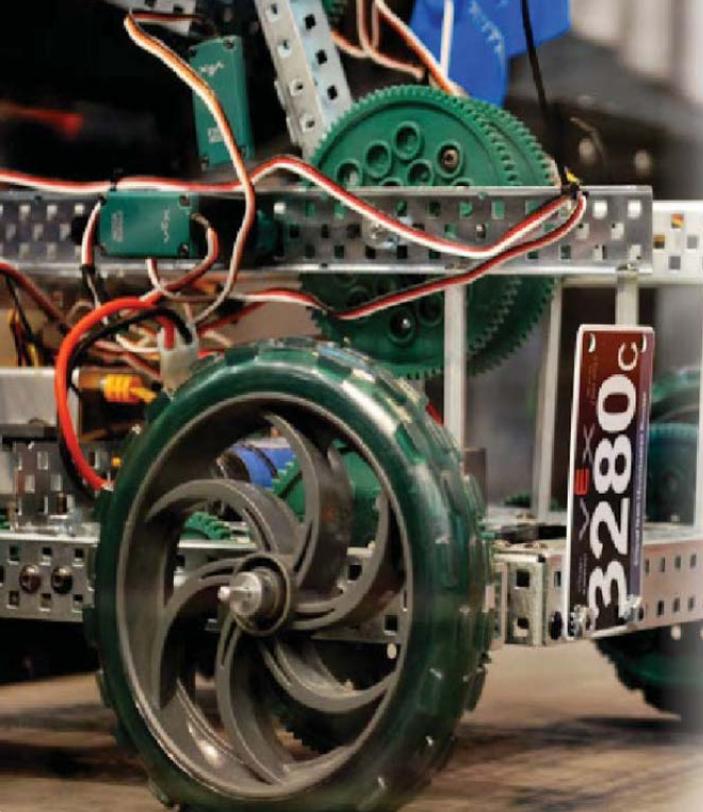
The main reason for the rapid growth is a large increase in the demand for computer software. Mobile technology requires new applications. Also, the healthcare industry is greatly increasing its use of computer systems and applications. Finally, concerns over cybersecurity will result in more investment in security software to protect computer networks and electronic infrastructure. Systems developers should see new opportunities because of an increase in the number of products that use software. For example, computer systems are built into consumer electronics, such as cell phones, and into other products that are now computerized, such as appliances. An increase in software offered over the Internet should lower costs and allow more customization for businesses, also increasing the demand for software developers.

(Excerpt from the Bureau of Labor Statistics, Occupation Outlook Handbook, 2012-13 Edition)

# Office of Information Technology

## TechNight





## About TechNight:

We recognize that high school students often do not know much about Information Technology careers or they may have a very narrow view. As a result of the changing economy, many schools have had to reduce their technology focused courses.

Our goal is to educate students to the possibilities of Information Technology as an exciting and very viable career path. In addition to talking about the technology aspects, we also stress the importance of teamwork, collaboration, creative problem solving and endless learning opportunities.

The event is fun and interactive. We keep the group fairly small (30-40 students) and involve them in activities that allow them to meet members of our agency, learn about some of the technologies that the different agencies use throughout the State, and give them a chance to experience some of those technologies directly through hands-on activities.

## Before the Event:

Your Office of Information Technology contact person will be available to you for any questions you have.

Once we have the participating student names, we will send each of them a welcome email that will include specifics for the event plus a link to our TechNight website ([www.maine.gov/oit/technight](http://www.maine.gov/oit/technight)).

## What to Expect:

The event begins at 3:30 with a welcome message from Jim Smith, CIO of the Office of Information Technology, followed by a Technology Fair that displays a variety of technologies that the State utilizes. The Tech Fair is staffed by employees and volunteers who will demonstrate technology and talk with students about IT careers as they browse the exhibits.

## Student Selection:

If you would like your students to take part in TechNight, we will hold spots for them. We expect a wide variety of students to participate - from those who are already interested in technology, math, and science - to those who may not yet be aware of IT as a career. Please use the criteria below when considering students to select:

- Inquisitive - not afraid to ask questions
- Creative/innovative
- Learner - likes to jump into new things
- Natural problem solver
- Technical aptitude or interest

## Please Join Us!

We anticipate that student attendance will be significantly better when they are accompanied by a teacher or another adult. Please arrange for your students to have an adult chaperone.