INFORMATION SYSTEMS TECHNOLOGY EXPLORATION FOR HIGH SCHOOL STUDENTS

Set your sights on a great career

June 4-9, 2017 • Apply by April 7, 2017

Sponsored by
OSU Department of Management Science and Information Systems
OSU Center for Executive and Professional Development in the Spears School of Business
Phillips 66 ConocoPhillips

SPEARS SCHOOL OF BUSINESS
A hands-on exploration program
The Oklahoma State University Information Systems Technology Exploration Academy (ISyTE) is an activity-based, hands-on program designed for high school students interested in the vital intersection of business and technology. This six-day program will allow you to learn from industry leaders, current MIS students, and faculty about information systems practice and career possibilities.

The OSU ISyTE Academy will be held at the OSU-Stillwater campus and is sponsored by the OSU Department of Management Science and Information Systems, the OSU Center for Executive and Professional Development in the Spears School of Business, ConocoPhillips and Phillips 66.

MIS Degrees: No Limit to Your Success!
• High salary
• Technology based
• High demand today, higher demand tomorrow!
• Exciting projects
• Rewarding positions
• Career paths variety
• Hands-on system building experience

An MIS degree provides an optimal mix of people skills, technological expertise, and business knowledge. MIS is the most sought after degree one can earn with unlimited future prospects … what more could a graduate want?

Potential Careers
• Business Analyst
• Web Architect
• Knowledge Engineer
• Systems Analyst
• Database Administrator
• Network Communications Specialist

Apply today!
See the enclosed application form or apply online at cepd.okstate.edu/ISyTE.

A real-life college experience
While at ISyTE, you will experience college living first-hand. You will stay on the campus of Oklahoma State University with current OSU MIS graduate students and faculty, who will oversee the educational, cultural and recreational activities at ISyTE.

A scholarship opportunity
All 25 students chosen will receive a scholarship that covers 100 percent of the fees associated with the OSU ISyTE Academy, including all meals and lodging.

To qualify for this scholarship, you must:
• demonstrate interest in computer-related technology
• be a high school student entering grades 9 through 11
• be enrolled full-time at a high school in Oklahoma (or equivalent for home-schooled students)

To apply, submit the scholarship application form and all accompanying documents to the OSU Center for Executive and Professional Development by 5 p.m. on April 7, 2017. Scholarship recipients will be notified after April 24, 2017. For more information, call 1-866-678-3933 or visit the OSU ISyTE Academy website at cepd.okstate.edu/ISyTE.
At the OSU ISyTE Academy, you will spend six days on the OSU-Stillwater campus interacting with current OSU MIS students and faculty members.

**Information Technology Exploration**

**Build IT**
Learn how computer components work together to process information. You will receive a box of parts, tools and software, and you will build a functioning computer.

**Connect IT**
Teams of students receive a box of “stuff” and build a network of computers or other devices. You will learn to interconnect computers into a basic network and have an introduction to the client-server architecture.

**Code IT**
Students explore object oriented programming in C# using Visual Studio. Each student will learn the basics of programming. Students will write code for a Raspberry Pi 2 that assesses the presence or absence of light within a room.

**Hack IT**
You will get a good idea how to protect your information and ‘digital identity’ through demonstrations of password cracking and other actions designed to disclose information meant to be protected. You will learn how to make strong passwords by seeing how hackers can break them and how to safeguard your data.

**Install IT**
Students will install, from scratch, the operating system and necessary software needed for other activities during the week on the machines they have built.

**Explore IT**
Students will explore new technologies on the horizon! They will learn how technology can transport them into another world, explore printing entire objects in 3D, and see how they can invent new things right on their own computers.

**Plug IT**
Students learn about the Internet of Things by setting up a Raspberry Pi 2. Students will then connect it to the Internet and display its location on a global map.

**Daily Field Trips and Activities**

You will experience some of the traditional college “hot spots” enjoyed by all OSU students as well as other fun and insightful activities, which include:
- OSU Camp Redlands ropes course
- Corporation visits
- Tour of the famous Boone Pickens Stadium

**Workshops**

**Who Are You?**
In this workshop, you will learn what to expect in college, and what courses you should take as a high school senior to prepare.

**What Do You Want To Be?**
In this workshop, you will participate in assessment exercises to learn more about your interests. You also will learn how to apply for college, as well as more about OSU and careers available in management information systems.

Apply today!
See the enclosed application form or apply online at: cepd.okstate.edu/ISyTE.
INFORMATION SYSTEMS TECHNOLOGY EXPLORATION
FOR HIGH SCHOOL STUDENTS

June 4-9, 2017 • Apply by April 7, 2017

“I’ve been to lots of summer camps but ISyTE is by far the best. The friendships and experiences here are one of a kind.”

Vladia Cortest - Norman High School

“ISyTE is a good camp for anyone, whether you know about computers or nothing at all, you will learn a lot over the course of the week.”

Alexander Mayer - Ponca City High School

“I learned so much from not only the instructors/counselors, but also my teammates. I loved it all and would recommend it.”

Aqeelah Rufai - Union High School

“ISyTE was truly an eye opener for not only college life, but for an amazing and interesting experience for learning about MIS. If you like computers, this is the camp for you.”

Aidan Moore, Stillwater Junior High School

“ISyTE is an amazing camp, you get to learn tons of cool stuff about computers, as well as college life. You also get to make a lot of friends and start lasting relationships with them. Overall ISyTE is a fantastic camp and I’m glad I could participate. I would recommend it to those who enjoy computers.”

Scott Swiech - Stillwater Junior High School