INFORMATION SYSTEMS TECHNOLOGY EXPLORATION FOR HIGH SCHOOL STUDENTS

- Set your sights on a great career

June 2-7, 2019 • Apply by April 16, 2019

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.

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 16, 2019. Acceptance emails will be sent out in May 2019.

For more information, call 405.744.5208 or visit the OSU ISyTE Academy website at business.okstate.edu/cepd/open-enrollment/isyte/

Center for Executive and Professional Development
Spears School of Business • Oklahoma State University
Telephone: 405.744.5208
E-mail: cepd@okstate.edu
Web: business.okstate.edu/cepd/open-enrollment/isyte/

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
• Data Scientist
• Systems Analyst
• Database Administrator
• Information Assurance Analyst

Apply today!
See the enclosed application form or apply online at business.okstate.edu/cepd/open-enrollment/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.

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“It was an amazing camp. You are exposed to wonderful professors, great counselors, and it [the camp] was very informative.”

David Steichen - Bishop Kelley High School

“If you have the opportunity to come, I encourage you to do so. You meet great people and learn useful skills that will help you decide your future.”

Thomas Hadley - Pryor High School

“This was an amazing experience and the people were so nice and helpful. This made me change the college and careers I had picked out for me. Thank you ISyTE!”

Sierra Monk - Pryor High School

“This is one of the best experiences that I’ve ever had. The people were nice and the activities were fun. Long lasting friendships were definitely made! You don’t have to know much about computers...”

Lilly-Quynh Pham - Bishop McGuinness Catholic High School

“They are so helpful with their career counseling. I also got to meet other high school students that I could relate to. I recommend this program!”

Kailee Chinsetagid - Bixby High School

“Not only did I learn about the real world application of an MIS degree, I also made friendships to last a lifetime. I definitely think that everyone should have an opportunity to participate.”

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The scholarship
This scholarship covers 100 percent of the fees of the OSU ISyTE Academy for High School Students, including all meals and lodging. Twenty-five scholarships will be awarded.

The criteria
To qualify for the OSU ISyTE Academy Scholarship, applicants 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)

Apply today!
Return this application to the address below or apply online at business.okstate.edu/cepd/open-enrollment/isyte/. Applications must be postmarked by April 16, 2019. Acceptance emails will be sent out May 2019.

Holly Bergbower, Program Coordinator
Center for Executive and Professional Development
OSU Spears School of Business
294 Business Building
Stillwater, OK 74078
(405) 744-5208 phone
(405) 744-6143 fax

Scholarship Application Form
Applications due April 16, 2019

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<td>What grade will you be entering fall of 2019:</td>
<td>[ ] Freshman</td>
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<td>Current overall GPA</td>
<td>Anticipated Graduation Date</td>
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| Have you attended any other high school summer academies? | [ ] Yes | [ ] No |

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SUPPLEMENTAL QUESTIONS

What is your main expectation for this Summer Academy experience?

What subjects in school interest you and why? What do you plan to do after high school?

Please list any leadership positions or extracurricular activities in which you participate.

ATTACHMENTS:

- Reason for participation: Attach a narrative of 150 words or less explaining why you want to participate in this summer academy and how it might impact your career and/or life goals.
- Recommendation letters: You must submit two recommendation letters with your scholarship application.

Applications must be postmarked by April 16, 2019 to:

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