# Indiana New Tech High School Network Resources

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Curriculum

Dual Credit Provider Directory

The Dual Credit Provider Directory provides a listing of all of the Higher Education Institutions in the state of Indiana that offer some form of Dual Credit. It is a resource for what forms of Dual Credit are offered at various colleges and who the correct contact for the programs are.

Contact:
Todd Hurst
School Development Coordinator
Center of Excellence in Leadership of Learning
hurstt@uindy.edu

The most recent version of the Indiana Dual Credit Provider Directory can be found here:
http://cell.uindy.edu/docs/INDualCreditProviderDirectory.pdf

Indiana State Board of Education Waivers

The Network Model School Flexibility Waivers have been granted by the Indiana State Board of Education to aid in the development of New Techs across the state. The waivers include flexibility regarding seat time, textbooks, and assignment of teachers.

The waivers may be accessed at the following links:
Approval of Blanket Waiver
Textbook Waiver
Network Model School Flexibility

Rosetta Stone

Rosetta Stone can be used to complement classroom teaching or to allow students to work independently, building their basic speaking, listening comprehension, reading and writing skills. Rosetta Stone advances students to the next level only when they achieve a level of proficiency defined by the teacher.
Contact:
Brian McGinnis
Field Territory Manager
Rosetta Stone
bmcginnis@rosettastone.com

More information about Rosetta Stone Education can be found here:
http://www.rosettastone.com/schools

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**Ball State University Online**

If your school doesn't offer the dual credit courses that you need at your high school, you might consider offering an online course offered via Ball State University or the Indiana Academy for Science, Mathematics, and Humanities, the state's only public residential high school for gifted and talented students. Learn more about online study and preview a course.

Contact:
James Hendrix
Assistant Director of Online and Distance Education (Dual Credit)
Ball State University
jchendrix@bsu.edu

More information on Ball State University's Online Dual Credit offerings can be found here:
http://cms.bsu.edu/Academics/CollegesandDepartments/Distance/Academics/Programs/ctp.aspx

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**CITIDOE – (Computer Information Technology, Indiana Department of Education)**

CITIDOE is an educational partnership between the Computer and Information Technology (CIT) Department at IUPUI and the Indiana Department of Education (IDOE) and its Business, Marketing, & Information Technology Education (BMIT) programs. Today the program offers three IUPUI study plans: the Information Technology Certificate, the Computer Technology Applications Certificate, and some programming courses. Students take the courses online from their local high schools instead of going to the college campus. Their high school BMIT teachers serve as facilitators overseeing and monitoring student progress.

Contact:
Jan Stevens
Lecturer, CITIDOE Academic Advisor
IUPUI
citidoe@iupui.edu

More information on CITIDOE can be found here:
http://cit.iupui.edu/citidoe/
Professional Development

PBL Institute

The PBL Summer Institute is a model for Project Based Learning. Using the principles of PBL, the Institute is an opportunity for teachers, administrators K-16 to truly "learn by doing". Using classroom practitioners as facilitators, participants will be able to network, collaborate and learn from others. All participants by the end of the fourth day will offer an exhibition of their newly designed project created during the Institute. Special guest facilitator, Alfred Solis from the Buck Institute, provides one on one conversations including technology resources, classroom tips and leadership frame works. The PBL Institute is in its third year and has grown to be considered the premiere PBL workshop in Indiana. To register go to education.iupui.edu/soe/institute. Bring a team of five or more and receive a 20% discount. The BiE Starter Kit and new Elementary PBL Handbook are part of the registration fee.

Contact:
Lynn Lupold
Fellow for Strategic Initiatives
CELL
lupoldl@uindy.edu

Registration information can be found at the following website:
http://education.iupui.edu/soe/institute/

Math Matters / Molecules Matter / PBL Academy – EcO15

The PBL Academy provides project based learning instruction, structure, and on-going support for K-12 educators. The goal of the PBL Academy is to help teachers improve student achievement through rigorous, authentic projects that address academic standards as well as the development of 21st century skills.

Contact:
Cathy Brown
Professor of Mathematics
Indiana University
cathbrown@indiana.edu

For more information on the EcO15 projects and trainings visit:
http://iuedmoodle.educ.indiana.edu/pbl/index.html
Supply Chain Management

Supply Chain Management background provides students with diverse job opportunities in the public and private sectors, including positions in: business analyst, supply planner, production manager, and others. Supply Chain Management is the foundation of all business programs, graduates with outstanding backgrounds in the field successfully compete for a wide spectrum of business-related jobs.

Contact:
Leslie Gardner, PhD.
Professor of Operations Management and Mathematics
University of Indianapolis
lgardner@uindy.edu

For more information on the University of Indianapolis’ Supply Chain Management program, visit:
http://business.uindy.edu/bachelor/scm.php

Programming

Indiana INTERNnet

Indiana INTERNnet is an internship-matching program linking employers, students, high schools, colleges and universities by providing both high-tech and high-touch support. It is a powerful high-tech Web-based search, matching and reporting system coupled with “high touch” personal assistance, a toll-free hotline to answer questions and provide internship guidance, resource materials, creating or expanding high quality internship opportunities within the state.

Contact:
Pam Norman, Fmr. Indiana INTERNnet Exec. Director
New Contact: Janet Boston
Indiana INTERNnet Exec. Director
jboston@indianachamber.com

The website for the Indiana INTERNnet program can be found here:
http://www.indianaintern.net/home.asp
**HALO (High Altitude Launch Opportunity)**

High-Altitude balloon launches allow students to participate in hands-on activities using the entire atmosphere as their lab. Students learn about temperature, pressure, pollution and how it affects them every day. The HALO program provides professional development opportunities for teachers looking to incorporate these aspects into their curriculum.

**Contact:**
Jason Krueger
StratoStar Systems
jkrueger@stratostar.net

For more information please access the following document:
http://tinyurl.com/3qnm69t

**Global Indiana**

Global Indiana is a new avenue for Indiana educators to access information about the myriad opportunities available for world travel, for global education, and for partnerships with schools abroad. The Indiana Department of Education has teamed with dedicated school leaders from across the state for the purpose of increasing participation in international programs and activities.

**Contact:**
Chris McGrew
President, Global Indiana
cmcgrew@purdue.edu

More information about Global Indiana can be found on their website:
http://www.globalindianainc.org/index.php

**EPICS – Engineering Projects in Community Service**

EPICS is a unique program in which teams of undergraduates are designing, building, and deploying real systems to solve engineering-based problems for local community service and education organizations.

**Contact:**
Pamela Dexter
High School Program Coordinator
Purdue University
pdexter@purdue.edu

For more information, visit:
https://engineering.purdue.edu/EPICS/
Lugar-Purdue Future of Forestry Program and Scholarship

Purdue University and Richard Lugar, U.S. Senator and woodland owner from Indiana, are teaming up to show high school students how exciting the science and management of forests can be. High school agricultural education and science teachers are invited to recommend and sponsor qualified high school students for the Lugar-Purdue Future of Forestry Program. For high school seniors, the program is also offered as a 3-credit online academic course. Students wishing the credit option must contact the L_PFFP coordinator to obtain additional administrative information. You need not be seeking a degree to enroll in the credit option. The for-credit course starts in mid September and is completed in May.

Contact:
Dr. Ralph Johnson
Department of Forestry and Natural Resources
rrjohnson@purdue.edu

For more information, visit:
http://www.ag.purdue.edu/fnr/lugar/Pages/default.aspx

Critical Friends Group Training

The National School Reform Faculty (NSRF) is a professional development initiative that focuses on developing collegial relationships, encouraging reflective practice, and rethinking leadership in restructuring schools -- all in support of increased student achievement.

At the heart of NSRF’s program are the concepts of Facilitative Leadership and Critical Friendship. We have learned that Critical Friendship, an essential ingredient for learning communities, is best achieved through providing deliberate time and structures to promote adult growth that is directly linked to student learning. Facilitative Leadership skills are needed to engage school communities in this practice, and are valuable for all leaders—school leaders, classroom teachers and district administrators.

Contact:
National School Reform Faculty
http://www.nsrfharmony.org/index.html

For more information, visit:
http://www.nsrfharmony.org/
**ISTEM**

The I-STEM Resource Network’s overarching goal is to help Indiana achieve its vision to be a national leader in student academic achievement in STEM disciplines and the in quality of its workforce. To do that, the Network will focus on the following goals: Teaching; Learning; Applied Research, Assessment, and Evaluation; Community Partnerships; and Network Development.

Brandon Sorge  
Director of Operations  
ISTEM  
bsorge@istemnetwork.org

For more information, visit:  
https://www.istemnetwork.org/index.cfm

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**Learn More Indiana / KnowHow2Go**

Learn More Indiana is here to guide Hoosiers on how to get to college so that students of all ages can achieve the dream of a degree. If you’re willing to take the journey, we can provide you with the map.

Contact:  
Jason Bearce  
Associate Commissioner for Strategic Communications and Initiatives  
Indiana Commission for Higher Education  
jasonb@che.in.gov

For more information and resources, visit:  
http://learnmore.org/Pages/default.aspx

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**Woodrow Wilson Indiana Teaching Fellowship**

Combat critical math and science teacher shortages with your talents and skills. If you are a college senior, graduate or career changer with a math or science bachelor’s degree (from May 2011 or before), you could help transform math and science teaching at a high-need, urban school.

Looking for an engaging, hands-on program? From the beginning, you'll be learning and working in local urban schools. Your courses will be project-based, meaning you’ll spend very little time listening to faculty lectures. With this real-world, experiential program, you’ll enter the teaching field with the skills and confidence you need.
Contact:
Jen Drake
Director, Woodrow Wilson Teaching Fellowship Program
University of Indianapolis
jdrake@uindy.edu

For more information on the University of Indianapolis Woodrow Wilson Teaching Fellowship program, please visit:
http://education.uindy.edu/teachingfellowship/

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**BitWise Fellows**

The Fellows are a group of highly motivated and talented high school students with a passion for business experience and Web site creation. Created by Ron Brumbarger and the professionals at BitWise Solutions, the Fellows are mentored by BitWise Solutions employees. BitWise Fellows strives to maximize the Web presence of local businesses, such as non-profits and community organizations, by offering custom Web site solutions at an affordable price.

Working in a professional business environment with real-world clients provides BitWise Fellows employees an opportunity to gain business experience in preparation for their future careers. For more information on starting a BitWise Fellows program at your school, contact Ron Brumbarger of BitWise Solutions, Inc.

Contact:
Ron Brumbarger
President and CEO
BitWise Solutions, Inc.
Ron.brumbarger@bitwisesolutions.com

For more information on the BitWise Fellows program, please visit the following website:
http://www.bitwisefellows.com/

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**University of Indianapolis ILEAD Principal Preparation Program**

The University of Indianapolis Master of Arts in Educational Leadership equips new school leaders with the knowledge and skills needed to confront the complex realities of today’s schools. iLEAD (Inspiring Leadership in Education through Application and Dialogue) is a cohort-based program delivered through a convenient hybrid learning format. Students meet on campus five Saturdays each semester to engage in face-to-face interaction, and in the interim weeks, learn through dynamic web-based instruction. Faculty employ innovative technologies such as wikis, virtual classrooms, and Skype to facilitate real-time group collaboration and communication between faculty and students as they build leadership competencies and skills. Rather than only reading about the leadership theory, students engage in authentic experiences which will advance their careers and secure a future in school leadership.
Contact:
Dr. John Somers
Director of Graduate Programs, School of Education
University of Indianapolis
jsomers@uindy.edu

For more information on the ILEAD Principal Preparation Program, please visit the following website:
http://education.uindy.edu/ilead/index.php

For any updates or questions, please contact Todd Hurst (hurstt@uindy.edu; 317-791-5705)