Computer & Information Technology (CIT)
Purdue’s For Me Class of 2023
Thomas J Hacker, Ph.D.
Interim Department Head
Professor

Phillip T Rawles
Associate Professor
Associate Department Head

Dawn Laux
Clinical Associate Professor
Associate Department Head

Julia Taylor Rayz
Associate Professor
Assistant Department Head
CIT RESOURCES

CIT Registration Website:
https://polytechnic.purdue.edu/degrees/computer-and-information-technology/advising/registration

This website contains links to many CIT Resources and course information. Links include:

• This Purdue’s For Me Presentation
• AP credit information
• Computer Recommendations
• Plan of Study Comparison Charts
• Transfer Credit Form and information
• Critical Paths for all 4 majors
• Co-Curricular information
• And much more!

Google key words: Purdue CIT Registration
The Department of Computer and Information Technology educates professional practitioners and managers of information technology, accelerates information technology transfer to business and industry, and develops innovations in the application of emerging information technology through learning, engagement, and discovery by its faculty and students.

Departmental History & Information

- Founded in 1978
- First accredited Information Technology program in the country
- Over 40 faculty members with years of industry and academic experience
- Over 3,900 Alumni from the West Lafayette Programs (AS, BS, MS)
CIT RANKING

CIT has been ranked as the #4 best Bachelor of Science in IT program in the Nation!

#1 Public University

http://www.collegechoice.net/rankings/best-information-technology-degrees/
OUR STUDENTS COMPETE

STUDENTS ATTENDED TECHNICA HACKATHON AT THE UNIVERSITY OF MARYLAND & SHEHACKS BOSTON
*MLH: MAJOR LEAGUE HACKING

1st – Digital Industrial by GE Hack
2nd – Best VR Hack by Facebook

Technica Hackathon

CIT’S CYBERSECURITY CLUB STUDENTS COMPETED IN A CYBER DEFENSE COMPETITION (DEPARTMENT OF ENERGENCY’S CYBERFORCE COMPETITION) AT ARGONNE NATIONAL LAB

3rd Place at Argonne Location
OUR STUDENTS ATTEND CONFERENCES
CIT UNDERGRADUATE RESEARCH OPPORTUNITIES

Research: A Mixed-Methods Approach to Characterizing Engineering Students' Computational Habits of Mind (Oct '18)
**Co-Principal Investigator:** Alejandra Magana

Cybersecurity and Safety Challenges in Autonomous Vehicles: Threats Identification and Countermeasures Development (Oct '18)
**Principal Investigator:** Byung-Cheol Min

US CMS Group at Purdue University for Activities Related to the US CMS Software & Computing Subsystem (Oct '18)
**Co-Principal Investigator:** Thomas Hacker

Supporting Controlled Unclassified Information with a Campus Awareness and Risk Management Framework (Sep '18)
**Principal Investigator:** Baijian Yang

Integrating Human and Machine for Post-Disaster Visual Data Analytics: A Modern Media-Oriented Approach (Sep '18)
**Co-Principal Investigator:** Thomas Hacker

Towards Autonomous Robotic Systems for Control of Harmful Algae Blooms (Aug '18)
**Principal Investigator:** Byung-Cheol Min

(https://polytechnic.purdue.edu/departments/computer-and-information-technology/research)
Computing at Purdue

Professor Rawles
UNDERSTANDING THE COMPUTING TECHNOLOGY SCIENCES

Computer Science

Engineering

Theoretical

Operational

Applied

Computer Information Technology
Bachelor of Science with the following major options:

- **Computer & Information Technology (CNIT)**
  Apply computer, networking, or database skills to challenges facing the internet, mobile technologies, cloud computing, cyber forensics, cyber security and more.

- **Cybersecurity (CSEC)**
  Gain expertise in designing, building, managing and investigating IT systems and infrastructures while analyzing security risks and vulnerabilities.

- **Network Engineering Technology (NENT)**
  Design, implement, maintain, and secure data networks, clients, servers, and other key information technology infrastructure components.

- **Systems Analysis & Design (SAAD)**
  Study how organizations use computer systems and procedures and then design information systems solutions to help them operate more efficiently and effectively.

Full plans of study are available on the Purdue University Catalog: [http://catalog.purdue.edu/](http://catalog.purdue.edu/)
Polytechnic Institute: Department of Computer & Information Technology Programs Baccalaureate
(2019-20 plans will be available June 1.)
CURRENT STUDENT ENROLLMENT

2018 - 2019
CIT Enrollment
Undergrads: 806
First-year Students: 229
## Average Size for CIT Major Courses

*(Based on Capacity and Classification Level – Fall 2018)*

<table>
<thead>
<tr>
<th></th>
<th>Freshmen</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>180</td>
<td>115</td>
<td>60</td>
<td>45</td>
</tr>
<tr>
<td>Lab</td>
<td>28</td>
<td>20</td>
<td>20</td>
<td>20</td>
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</tbody>
</table>
### Placement Data May 2018*

<table>
<thead>
<tr>
<th>Number of Graduates</th>
<th>Placement Rate</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>98.3%</td>
<td>$66,533</td>
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### Potential Job Titles:
- Application developer
- Business analyst
- Cyber Risk Consultant
- Data analyst
- Database administrator
- IT Consultant
- Network administrator
- Network consulting engineer
- Security specialist
- Software engineer
- Systems Analyst
- Technical Support Analyst
- Web Developer

*Source Purdue Center for Career Opportunities*
WHERE DO CIT GRADS GO?

ALL OVER THE WORLD!
Student Organizations (https://boilerlink.purdue.edu/organizations)
CIT Student Council
https://www.citstudentcouncil.org/
Women in Cybersecurity
New in 2019 – Information coming soon!
Women in Technology
https://boilerlink.purdue.edu/organization/womenintechnology
Cyber Forensics Club
https://www.boilerlink.purdue.edu/organization/pcf
Minority Technology Association (MTA)
boilerlink.purdue.edu/organization/minoritytechnologyassociation

Employment Opportunities
Student Employment (Federal Work Study and Student Employment Opportunities)
http://www.purdue.edu/dfa/studentjobs.php
Purdue Center for Career Opportunities:
https://www.cco.purdue.edu

CIT Career Fair- September
Polytechnic Career Fair- February
**ADVANCED PLACEMENT, INTERNATIONAL BACCALAUREATE AND DUAL CREDIT**

- **AP Credit**
  The College Board Advanced Placement (AP) Program scores may not arrive until July. These scores must be submitted by the College Board directly to Purdue University (CODE: 1631).

- **International Baccalaureate Credit**
  Exams can be taken at either the Subsidiary Level (SL) or at the Higher Level (HL). Credit normally will be awarded for HL subjects only, but there are a few exceptions. A list of courses is available here: [https://www.admissions.purdue.edu/transfercredit/ibcredit.php](https://www.admissions.purdue.edu/transfercredit/ibcredit.php)

- **Dual Credit**
  If you have taken college courses in Indiana while in high school or at another University, you **may** receive direct transfer credit if the courses were taken for dual credit (high school and college). You must submit official college transcripts to the Office of Admissions for dual credits to be considered. Please submit electronically whenever possible: admissions@purdue.edu

*Please submit as soon as completed for timely credit evaluation.*
1. Log in to myPurdue (mypurdue.purdue.edu) with your Career Account username and password

2. Complete the Consent to Conduct Business electronically verification

3. Use the link on the New Student page to Accept Your Offer of Admission

4. Select the Pay My Advance Fee Deposit and make a payment

5. After accepting your admission offer, logout of myPurdue and login again using your career account username and password. You will now have access to other pages within the myPurdue student portal

6. In addition, once you have accepted your offer, you will be able to complete other items on the New Student Task List, such as registering for the Summer Transition, Advising and Registration program (STAR), Boiler Gold Rush (BGR), the new student orientation program, contracting with University Residences for on-campus housing, and other activities you’ll need to complete prior to enrolling.
• STAR is Purdue's program for new undergraduate students to receive academic advice and pre-register for initial courses.

• Incoming students (for the Fall term) will select their one-day STAR session and come to Purdue's West Lafayette campus to conduct this and other important business.

• Registration for STAR is available through myPurdue

• CIT STAR Date Range: June 13 – July 10

• If you are unable to attend the on campus STAR, you may request to complete VSTAR (Virtual)
BOILER GOLD RUSH (BGR)

https://www.purdue.edu/orientation/bgr/

August 12 – 17, 2019
Over 90% of incoming students participate

Orientation Week
Move in Early!
Learn your way around campus
Get information about all of the different campus resources
Meet new people
Network with Purdue faculty and staff
Participate in special activities (Social Events, Presentations, Resource Fairs)
Have FUN getting to know your new home!

To register for BGR, simply register online via the myPurdue portal and submit your payment (BGR 2019 has a program fee of $320). Once you have registered and paid for the program, you will receive a confirmation.
The CIT Learning Community will help you get off to a good start in the Computer and Information Technology program in the Polytechnic Institute at Purdue. You will have the opportunity to develop friendships, connect with faculty, and form study groups. You will take required courses from your curriculum with other participants and participate in activities that will help you be a successful first-year student.

- Associated Class: CNIT 18000 (Gateway Course)
- Duration: Fall 2019 Semester
- Residential Component
  - Students from this learning community reside in McCutcheon Hall

Information about this residence hall can be found: https://www.housing.purdue.edu/Housing/Residences/McCutcheon/index.html

Circumstances preventing a student from living in this hall, such as participating in the Honors College or living off-campus, will be taken into consideration when conducting the placement process.

Your roommate in many cases will be a member of the learning community

**Completing a housing contract is a separate process from applying for a learning community**

- Events and Activities Included
  - Purdue Polytechnic Family Day
  - Video game night
  - Periodic meals with faculty members

https://www.purdue.edu/learningcommunities
Are you interested in the success of women in the Purdue Polytechnic Institute? If so, you have the opportunity to apply for participation in the Women in Technology LC. This LC is a great way for you to build friendships and study groups. Many of these students will have similar interests and provide you with contacts to carry with you as an undergraduate student and beyond.

- Associated Class: Tech 10100 (1 credit hour)
- Duration: Fall 2019 and Spring 2020
- Residential Component
  - REQUIRED in McCutcheon Hall (*Students in Honor’s LC can be in WIT as long as they take TECH 10100.)
- Eligibility
  - First-time beginning students admitted to the Purdue Polytechnic Institute (not available to Honors College participants)
- Events and Activities Included:
  - Network with female leaders in industry from VP’s, Directors, CIOS, and Pilots
  - Take field trips to attend performances, cultural events, and more
  - Periodic meals with faculty members

For more information on the Women in Technology organization, call (765) 494-7522, or e-mail Toni Munguia at amunguia@purdue.edu.
INFORMATION TO REMEMBER

• Remit an advanced deposit of **$400 by May 1st** to accept your admission to Purdue

• Select a day in June or July to participate in STAR
  • Pre-register for fall classes, receive student ID, visit residence hall, etc.

• If you cannot go to STAR, you can request VSTAR.

• Send AP test scores (College Board Purdue Code: 1631)

• Send dual credit transcripts to Office of Admissions

• Sign up for BGR & pay $320 fee
Follow us on social media!

@PurdueCIT
Tour!