WELCOME
New CIT Students

Department of Computer & Information Technology (CIT)

ALL Aboard Advising– Summer/Fall 2023

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Welcome from CIT Advisors

Melody Carducci

Angie Murphy
Senior Advisor

Lauren Lucas

Lisa Klein

CIT Advising Contact Information:
polytechnic.purdue.edu/cit/advising

All email correspondence from you must be sent from your @purdue.edu email address. Please Include your full name and PUID in the email.

Zach Oborne

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Student + Advisor = Great Partnership

Students can expect their Advisor to:

- Send calendar invitations for important meetings
- Explain college and major requirements.
- Discuss students' academic performance.
- Assist students with major exploration and interpreting degree requirements.
- Empower students to advocate for themselves.
- Support students with academic issues and personal concerns.
- Provide a safe, inclusive environment.
- Provide detailed knowledge and guidance about the standards and program(s) they advise.
- Help guide students through their plan of study and give advice about course requirements.
- Inform students of the required prerequisites for subsequent courses in their program.
- Assist with long- and short-term goal setting.
- Talk with students about their strengths, interests, and abilities.
- Establish a positive working relationship to help students feel welcome at Purdue.
- Teach students how to analyze information and make well-informed decisions throughout their academic career.
- Educate students on various policies and procedures necessary to navigate the University.
- Inform students of their responsibilities in the advising process.
- Refer students to additional campus resources or services as needed.

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Advisors expect students to:

•Attend the meetings that you schedule and communicate in a timely manner if you cannot make the meeting.
•Know your advisor's name, office location, and email address.
•Inform your advisor if you have an interest in research internships, study abroad, and/or experiential learning so you can plan in a timely manner.
•Check your Purdue email daily.
•Be open to exploring new opportunities that may challenge you.
•Develop realistic short- and long-term educational and career goals.
•Familiarize yourself with the variety of campus resources and services.
•Notify your advisor of any academic difficulties or changes in your program or career interests.
•Meet with your advisor at least once a semester and come prepared with any questions you may have.
•Prepare for advising appointments by researching course offerings and requirements.
•Continuously review your degree requirements and monitor your academic progress.
•Be informed of Purdue policies and procedures. Be proactive in your education; seek help at the first sign of concern!
•Accept the fact that you may struggle in some classes; this is to be expected.
•Work hard and remember to communicate with your advisor!

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Student/Advisor Resources

CIT All Aboard Website: Review Prior to your Advising Meeting

https://polytechnic.purdue.edu/degrees/computer-and-information-technology/advising/All-Aboard-Purdue-CIT-2023-2024

- ❑ CIT Advising PowerPoint
- ❑ CIT Plans of Study
- ❑ CIT Policies & Guidelines
- ❑ Schedule Revision DROP/ADD DEADLINES* (Bookmark for reference throughout the semester)
- ❑ Computer Recommendations

myPurdue: myPurdue is your student portal. Your student portal has links you to various campus offices and resources. You can use it to view grades, your schedule, as well as find your New Student Task list.

BoilerConnect: Schedule appointments and view reports and notes shared by your Advisor and other campus offices regarding your appointments and resources.

Brightspace: You will soon be added to the **CIT Student Information Course** that is **informational only** and will include course descriptions and course syllabi, faculty office hours, company recruiting lists, job postings, competition information and much more!

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CIT Bachelor of Science Program

B.S. in Computer and Information Technology (120 credits)

The first year is similar for ALL five CIT major options. If you are debating between majors, it is strongly advised that you discuss these goals with your advisor during your Summer Advising meeting as this will help determine your fall course schedule.

Majors:

Computer and Information Technology (CNIT)

Computing Systems Analysis and Design (CSAD)

Cybersecurity (CSEC)

Computing Infrastructure and Network Engineering Technology (INET

Data Analytics, Technologies, and Applications (DATA)

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Communicating with your Academic Advisor

Communicating with your advisor is important for many reasons. We want to ensure you are able to get assistance when needed.

- When sending an email, always send it from your @purdue.edu email. Be sure to include your full name (first and last), PUID and be clear about your request.
    - The BoilerConnect email will send to your advisor's email as well. You do not need to send from the BoilerConnect system and your Purdue email. Preferred method of contact would be to use your MS Office.
- Remember, we are assisting multiple students. Please allow at least 2 business days (Business day is M-F, 8-5pm ET) for us to get back to you. Please do not email all CIT advisors if your specific advisor does not respond immediately.

- Once the fall semester begins, with 12 hours lead time, you can schedule appointments through BoilerConnect with your academic advisor.

Remember, we are here to help with more than just scheduling classes. Please feel free to reach out whenever you have questions and to get to know us. We are here to support your success and look forward to working as partners.

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Email Etiquette 10100

- Include **FULL NAME & PUID Number** in all e-mails
- All email correspondence must be sent from your **@purdue.edu email**
- Allow at least 48 hours (or 2 business days) for a response
- If continuing dialog about a concern, continue by responding to the same e-mail thread. (Avoid separating e-mails about the same topic/issue.) Please gather your thoughts and send one concise email on your topic or concern.
- When referencing a system error or registration error, **include a screenshot** of the message in your e-mail to your advisor
- You will receive emails from CIT-Announcements@purdue.edu and

CIT-Advising@purdue.edu that will notify you of important CIT Registration meetings and CIT events. These emails will be sent to your @purdue.edu email address. Please check your Purdue email account **daily.**

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Email Etiquette 10100 continued

Sample Email

From: purduestudent@purdue.edu
Sent: Friday, July 25, 2023
To: Advisor, Purdue
Subject: Course Schedule

Hello Purdue Advisor,

I am a new student and have questions about the schedule generated for me. Could you please help explain (insert question)? Thanks!

Sincerely,
Purdue Student
PUID: 0000000000

Purdue Student, Systems Analysis and Design Major, B.S.
PUID: 0000000000
Polytechnic Institute/Computer and Information Technology

Student Organization, (Add Your Organization Affiliations)
West Lafayettte, IN

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- You have access to the Purdue branded email Signature Generator: https://marcom.purdue.edu/toolbox/email-signature-generator/

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Purdue University Math Assessment

You are required to take the ALEKS Assessment if you do not meet the SAT or ACT requirements below:

REQUIREMENTS FOR CIT MAJORS ARE MA 16010 & 16020

Purdue University Math					
Course	**Description**	**ALEKS Percentage needed**	**SAT Math (After March 2016)**	**ACT Math**	**Do I need to take the ALEKS*?**
			< 530	< 21	Yes!
MA 15300	Algebra & Trigonometry I	45	530	21	Not required but strongly advised
MA 15800	Precalculus	60	570	24	Not required but strongly advised
MA 16010	Applied Calculus	75	620	26	Not required but optional

*ALEKS information is located at:
http://www.math.purdue.edu/academic/undergrad/placement
Taking preparatory courses may be necessary. Your success in the required math courses is important!

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Sample First Year Course Recommendations

The following is a sample of your first year courses. There is a lot of flexibility in choosing non-CNIT courses to allow for flexibility in course scheduling.

First Semester

- **CNIT Introductory Course(s)***
- **Intro to Composition or Intro to Communications**
- **MA 16010** (Applied Calculus I)
- **Humanities Foundation Selective****
- **TECH 12000** (Design Thinking in Technology) or **TECH 12000H** (for students in Honors Program)

Second Semester

- **CNIT Introductory Course***
- **CNIT Introductory Course**
- **MA 16020** (Applied Calculus II)
- **Intro to Composition or Intro to Communications**
- **Behavioral Social Science Selective****

*CNIT Introductory Courses may vary by major and be impacted by AP or transfer credit previously earned.

- **Additional Course Options:** Humanities Selective**,** Economics Selective, Statistics Selective, Accounting Selective, Science or Lab Science Selective. **These may also be impacted by incoming AP/Transfer/IB credit.**
- If you are enrolled in a Learning Community, you may have courses pre-populated on your course request. Your advisor will discuss how or if these courses will meet degree requirements.
- If enrolled in Purdue language and cultural exchange (PLACE), you will be enrolled in ENGL 11000 which will fulfill Humanities credits.
- ****Part of Purdue University Core Curriculum:**
  - Options: https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html
  - Not all courses are offered every semester

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Selecting a Non-Computing Minor

When, How, and is it required?

- Selecting your minor or certificate early will allow you the flexibility to fulfill major and minor requirements simultaneously, and you may be able to earn multiple minors or certificates if you choose!
- Discuss these goals with your advisor so they can add to your official plan of study.
- Some CIT plans of study require adding a minor while others provide the option of adding **non-computing** minors or certificates to fulfill Interdisciplinary (I/D) Selectives. Each plan of study has a different number of required I/D selective credits. Students may choose any non-computing minor or certificate to fulfill the requirements as per specific plan of study. Many minors require courses that are also required on CIT plans of study, which allow for students to complete minors while also completing major degree requirements.

Majors with Required Minor/Certificate (Interdisciplinary/Cognate Credits: 15-18)

Computer and Information Technology (CNIT) **(15 interdisciplinary credits)**

Computing Systems Analysis and Design (CSAD) **(15 interdisciplinary credits)**

Majors with Optional Minor/Certificate (Interdisciplinary Credits 9-12)

Cybersecurity (CSEC) **(9 credits)**

Computer Infrastructure and Network Engineering Technology (INET) **(12 credits)**

Data Analytics, Technologies, and Applications (DATA) **(18 cognate credits)**

Minor and Certificate requirements are listed here: http://catalog.purdue.edu

You can find requirements for each minor or certificate in the University Catalog.

Computing minors that do not count towards your plan of study include, but are not limited to, Computer Science, Electrical and Computer Engineering, and Computer Graphics (excluding Product Lifecycle). Please consult your advisor with questions.

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Test Out

As noted in the CIT Policies and Guidelines, the department offers options to test out of the following courses:

- CNIT 15501 – Introduction to Software Development Concepts
- CNIT 17600 – Information Technology Architectures
- CNIT 18000 – Introduction To Systems Development
- CNIT 18200 – System & Organizational Security
- CNIT 25501 – Object-Oriented programming
- CNIT 27200 – Database Fundamentals

To learn more about the courses and whether or not you may have the knowledge to test out, check out the syllabus available in the CIT Student Information course in Brightspace. Test out information will be posted in the CIT Student Information Course. Setting up course notifications in Brightspace is required in order to receive immediate notifications.

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CIT/Polytechnic Student Organizations

Purdue CIT Student Council
https://boilerlink.purdue.edu/organization/citcouncil

Association of Information Technology Professionals (AITP)
http://purdueaitp.com/

Women in Cybersecurity
https://wicyspurdue.wordpress.com/

Women in Technology
https://boilerlink.purdue.edu/organization/womenintechnology

Cyber Forensics Club
https://www.boilerlink.purdue.edu/organization/pcf

Minority Technology Association (MTA)
http://boilerlink.purdue.edu/organization/minoritytechnologyassociation

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Student Employment Opportunities

Student Employment (Federal Work Study and Student Employment Opportunities)
https://www.purdue.edu/studentemployment/site/

Purdue Center for Career Opportunities (CCO):
https://www.cco.purdue.edu

Career Fairs:
CIT hosts computing career fairs.
https://polytechnic.purdue.edu/departments/computer-and-information-technology/career-resources/computing-career-fair
Please monitor your email for more information from CIT-Announcements as well as monitoring the CCO's website. https://www.cco.purdue.edu/Employers/CareerFairs

Employment / Internship opportunities will also be posted in the CIT Student Information Brightspace course.

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CIT GRADUATE JOB TITLES & EMPLOYERS

Potential Job Titles:

- Business Analyst
- Cloud & Infrastructure Consultant
- Cybersecurity Analyst
- Data Analyst
- Infrastructure Analyst
- Information Assurance Engineer
- IT Consultant
- Network Engineer
- Risk Consultant
- Security Specialist
- Software Engineer
- Systems Analyst
- Technical Solutions Analyst

Example of Employers:

- Amazon
- Apple
- Booz, Allen & Hamilton
- Cerner Co.
- Cisco Meraki
- CIA
- Crowe, LLP
- DoD
- Eli Lilly
- FBI
- Fidelity Investments
- Ford Motor Co
- Google
- Intel
- Interactive Intelligence
- JP Morgan Chase
- Lockheed Martin
- Microsoft
- Salesforce
- Target
- USSA
- US Secret Service

Alumni Salary Data for CIT Majors is available from the Center for Career Opportunities here:
https://www.cco.purdue.edu/data

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WELCOME BOILERMAKERS!

BOILER UP!

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