

Undergraduate Catalog Program Transfer Single Articulation Pathways (TSAP) Programs

Program: Information Technology

Degree: Bachelor of Science

I. Introduction

- a. [School of Polytechnic](#)
- b. Student Learning Outcomes
 - i. Upon completion of a Bachelor of Science in Information Technology students will be able to:
 1. Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline Accreditation;
 2. Design systems, components, or processes meeting specified needs for broadly-defined engineering problems appropriate to the discipline;
 3. Apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;
 4. Conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes; and
 5. Function effectively as a member as well as a leader on technical teams.
- c. The Information Technology Program abides by Engineering Accreditation Commission of ABET, www.abet.org.
- d. [TSAP Information](#)

II. Program Delivery

- a. Program is a combination of on-campus and online classes

III. Declaring This Major

- a. Declare this major within the [School of Polytechnic](#)

IV. General Requirements

- a. [Degree Requirements](#)
- b. [General Education Requirements* \(some programs require specific courses that also meet general education requirements\)](#)
- c. [Overlapping Courses](#)
- d. [College Graduation Requirements](#)
- e. [Academic Regulations](#)

V. Program Requirements

- a. Students admitted to the program must have completed the Transfer Single Articulation Pathway (TSAP) Information Technology A.S. Program at Ivy Tech Community College. The Ivy Tech transcript must clearly state that the student was enrolled in the TSAP Program.
- b. Required Ivy Tech courses for admission to program are:

- i. ENGL 111 – English Composition
- ii. ENGW 211 – Technical Writing
- iii. BUSN101 – Introduction to Business
- iv. BUSN208 – Organizational Behavior
- v. COM 101 – Fundamentals Public Speaking
- vi. CPIN 239 – Systems Analysis and Design
- vii. CPIN 279 – Computing and Informatics Exploration and Evaluation
- viii. CSIA 105 – Introduction to Cyber Security/Information Assurance
- ix. DBMS 110 – Database Design and Management
- x. INFM 109 – Informatics Fundamentals
- xi. ITSP 135 – Hardware/Software Support
- xii. IVYT 111 – Student Success in University Transfer
- xiii. MATH 136 – College Algebra
- xiv. MATH 201- Brief Calculus I
- xv. NETI 105 – Network Fundamentals
- xvi. SDEV153 – Website Development
- xvii. SDEV 120/CSCI 105 – Computing Logic/Discrete Logic for Computers
- xviii. SDEV 140/CSCI 101 – Introduction to Software Development/Computer Science
- xix. Two Scientific Ways of Knowing Elective: Choose from ASTR101, BIOL101, CHEM101/105/111, SCIN100, PHYS101
- xx. Humanistic and Artistic Ways of Knowing Elective: Choose from ENG 220/222/223/, ARTH 101/102/110, HIST 101/102/111/112, HUMA 100/118, PHIL 101/102

c. General Education Requirements: The Indiana Statewide General Education Core is satisfied as part of the TSAP program. The Purdue Fort Wayne General Education Capstone Course (Category C8) is included in your major requirements.

d. Listing of Major courses and supporting courses required at PFW

- i. COM 32300 – Business & Professional Speaking – 3cr.
- ii. CS 16000 – Java Programming – 4cr.
- iii. ENGL 42101 – Technical Writing-Projects – 3cr.
- iv. ITC 13000 – Programming Fundamentals I (C#) – 3cr.
- v. ITC 14500 – Electrical Fundamentals– 4cr.
- vi. ITC 21000 – Information Technical Systems – 3cr.
- vii. ITC 23000 – Computer Operating Systems – 3cr.
- viii. ITC 31000 – IT Project Management – 3cr.
- ix. ITC 35000 – Databases – 3cr.
- x. ITC 37000 – Human Computer Interaction – 3cr.
- xi. ITC 42000 – Web Development – 3cr.
- xii. ITC 48300 – Info Technology Senior Design – 3cr.
- xiii. ITC 43000 – Mobile App Development – 3cr.
- xiv. ITC 44000 – Foundation of Cloud Computing – 3cr.
- xv. STAT 30100/IET20500 – Elementary Statistics/Applied Statistics for Engineering Technology – 3cr.
- xvi. Approved Technical Elective – 3cr.
- xvii. Approved Elective – 10cr.

- e. Purdue Fort Wayne course requires that a minimum of 60 transfer hours are accepted toward degree requirements.
- f. University graduation requirements of 2.0 GPA is accepted.
- g. Special academic regulations specific to the program: Students must complete all PFW courses earning grades of C- or better.
- h. Student Responsibilities: You are responsible for satisfying the graduation requirements specified for your selected program. Thus, it is essential that you develop a thorough understanding of the required courses, academic policies, and procedures governing your academic career. All requests for exceptions to specific requirements must be made in writing and may be granted only by written approval from the appropriate chair or dean.
- i. Credit by Self-Acquired Competency – limited.
- j. Program Transfer credit limitations – only the TSAP courses can be transferred from Ivy Tech. Final two years of courses must be taken at Purdue University.
- k. Total credits for degree: 120 credit hours (including TSAP transfer credits)