

Computer Graphics Selective

CGT 110 Tech. Graphics Com.
CGT 163 Mfg. Graphics (recommended first graphics course)
CIMT 211 CAD for Mfg. (recommended second graphics course)
CGT 226 Constraint-Based Modeling

CPT Selective

A course from the approved list of Computer Technology offerings:
CPT 267 C++ Programming
CPT 276 Systems Software and Networking (4 credits)

English Composition Selective

A writing/composition course of 3 or more credits:
Transfer Credit such as ENGL 101 English Composition
ENGL 106 First-Year Composition (4 credits)
ENGL 108 Accelerated First-Year Composition (3 credits)

English/Communications selective:

Any course in English or Communications at the 300 level or higher:
COM 315 Technical Communications
COM 318 Principles of Persuasion
COM 320 Small Group Communications
COM 325 Interviewing
COM 415 Discussion of Technical Problems
ENGL 304 Advanced Composition
ENGL 305 Introduction to Creative Writing
ENGL 309 Computer Aided Publishing
ENGL 419 Multimedia Writing

Free Elective:

Any course of interest to the student.

Humanities/Social Science Elective:

A course in Anthropology, Economics, English, Foreign Language, History, Philosophy, Political Science, Psychology, or Sociology.

Interdisciplinary Elective:

A course selected with approval of the CIMT academic advisor that helps the student broaden his/her experience outside CIMT. See the CIMT academic advisor for a list of Interdisciplinary Elective recommendations.

Local Technical Elective:

CIMT 248 is required at West Lafayette. A course related to the needs of local industry at Statewide locations that may include CIMT 248 or other local choices.

OLS Selective:

An introductory course in organizational leadership or human relations:
OLS 252
OLS 274

Physics Selective:

This is a first course in Physics (mechanics) with a lab component for at least 4 credit hours. This change allows students more choice of an introductory physics course. Physics from Ivy Tech (PHY 101/SIP 101) is allowed to satisfy the requirements for general physics.

PHYS 152 Mechanics
PHYS 218 General Physics
PHYS 220 General Physics

Science Selective:

This is a science course of three or more credit hours, preferably with a lab. This selective is intended to provide students with the opportunity to take additional Chemistry, Biology, Earth Science, or a second Physics class if desired. A second Calculus course is also acceptable to enable higher-level courses in ECET, for example.

BIOL 110 Fundamentals Of Biology I
BIOL 203 Human Anatomy And Physiology
CHM 112 General Chemistry
CHM 116 General Chemistry
MA 222 Calculus For Technology II
PHYS 219 General Physics II

Statistics or Quality Selective:

A course in applied statistical methods or statistical quality control:
IT 342 Introduction to Statistical Quality (recommended course for West Lafayette)
STAT 301T Elementary Statistical Methods (or local statistical methods class)
MET 451 Manufacturing Quality Control (prerequisite: STAT 301T)

Technical Elective:

Any 300 or 400 level technical course that does not significantly overlap other courses in the student's plan of study. (Students should refer to the maintained list and selection is to be approved by their advisor.)

It is the responsibility of the student to assure that he or she schedules the necessary prerequisites to meet graduation requirements. See your academic advisor if you have any questions or need help