

College of Science, Technology, Engineering & Math -YSU
Associate in Applied Science (AAS) degree
Major: Information Technology (IT)

**Department of Computer Science &
Information Technology**
Meshel Hall, Room 339B
(330) 941-3134
<http://www.csis.ysu.edu/>

Requirements for Graduation:

- ___ GER model complete
- ___ Min. 40 sh in major**
- ___ Specialization area complete
- ___ Min. of 64♦ total sh
- ___ Residency requirement (transfer students only)
- ___ Min. of a 2.00 overall GPA

- ___ After 40 sh are complete request a “graduation evaluation”

- ___ Meet w/ IT program coordinator after graduation evaluation is complete

Advisement for the Info Tech major
PRE – Info Tech:
Students are initially advised from the Academic Advising Center, College of Science, Technology, Engineering, & Mathematics (CSTEM) in Moser Hall, 2nd floor, until they have completed the following requirements: English 1539/1540; Math 1500/1501; CSIS 1560, 1590 or 2610 with a “B” or higher; overall GPA of 2.00.

Once students have met the above requirements they can transfer their major from “Pre IT” to IT and meet with an advisor in Meshel Hall.

General Education Requirements (GER)				
Dept	Catalog	Course Description	s.h	Grade
Engl	1550	Writing I (CRPT)	3	
Engl	1551	Writing II (Engl 1550)	3	
Math or Math	2623	Survey of Math (Math 1501 or Level 3 on MPT)	3	
Math or Math	1552	Applied Math for Management (prerequisite Math 1507)	4	
Math	1571	Calculus I	4	
Comst	1545	Communications Foundations (Eligible to take Engl 1550)	3	
<u>Two additional GER courses from at least one of the following areas:</u> Natural Science, Artistic & Literary, Societies & Institutions, and Personal & Social Responsibility.				
Natural Sciences (NS)				
Artistic & Literary (AL)				
Societies & Institutions (SI)				
Personal & Social Responsibility (PS)				

Consult the GER website or your advisor for the list of courses meeting GERs: <http://www.cc.ysu.edu/ger/GERlist.html>

Important Notes:

- Classes taken and/or repeated out of sequence will not count toward graduation. Check prerequisites.
- * A total of eight courses must be taken in NS/AL/SI; with no more than three courses in any one category; hence, the pattern may be 2-3-3, 3-2-3, or 3-3-2.
- ** A grade of “C” or better is required in all courses in the major.

Information Technology Systems - AAS

Required courses for IT (minimum 40 sh) + specialization area				
CSIS	1525	Survey of Modern Operating Systems (CSIS 1500)	3	
CSIS	1590	Survey of Computer Science & Info Systems (Math 1501 or Level 3 on placement)	3	
CSIS	1560 or 2610	Basic Programming or Programming & Problems Solving (CSIS 1590)	3 4	
CSIS	2699 or 4893	CSIS Internship (Sophomore in good standing & permission of coordinator) or CSIS Advanced Internship (16 sh of dept courses/3 UD & permission of internship supervisor)	1-3 2-3	
CSIS	3720 or 3782	System Configuration & Maintenance (CSIS 1590) or Cisco Networking Academy I (CSIS 1590, CSIS 1560 or 2610, by permit only)	3 4	
CSIS	3722	Development of Databases (CSIS 1590)	3	
CSIS	3723 or 3783	Networking Concepts & Administration (CSIS 1590) or Cisco Networking Academy II (CSIS 3782)	3 4	
INFOT	1575	Document Preparation (Engl 1550)	4	
INFOT	2663	IT Management (CSIS 1590)	3	
INFOT	3774	Multimedia Technology (CSIS 1590)	4	
INFOT	3704	Business Communication (Engl 1550)	3	
INFOT	3714	Advanced spreadsheets (CSIS 1514 or 1590)	3	
INFOT	3775	Multimedia Authoring (IT 3774)	4	
8 or 9 sh of advisor approved specialization area				

Electives (needed to meet the minimum of 64 sh total) or Remedial Coursework ♦				
Dept	Cat. #	Course Description	sh	gr

Notes:

Important Notes:

- Classes taken and/or repeated out of sequence will not count toward graduation. Check prerequisites.

** A grade of "C" or better is required in all major, minor, and support courses.

♦ The following courses do NOT count as hours towards graduation: Math 1500, 1501, 1502, 1503, 1504, & 1507, Engl 1509, 1512, 1539 & 1540, and Reading and Study Skills 1510A and 1510B.

Specialization Area – Minimum of 8 semester hours

The specialization area courses may be taken within the department or in another department.

Suggested areas include:

- Multimedia (IT 3776, 3777)
- Networking (Select from CSIS 3782, 3783, 4823, 5883, 5884)
- IT Management and Training (IT 2663, 3787, CIS 4820)
- Database Management (CSIS 3722, 4822, IT 3732)
- Ecommerce (CSIS 2660, 3760, 3761)
- Security (CSIS 3755, 3756, 3757, 5857)