

**College of Science, Technology, Engineering & Math -YSU**  
**Associate in Applied Science (AAS) degree**  
**Major: Information Technology (IT)**  
**Effective 2012**

**Department of**  
**Computer Science & Information Systems**  
**Dr. Kriss A. Schueller, Chair**  
**Meshel Hall, Room 339**  
**(330) 941-3134; fax (330) 941-2284**  
**<http://www.csis.ysu.edu/>**

Requirements for Graduation:

- \_\_\_ GER model complete
- \_\_\_ 40-46 sh in major
- \_\_\_ Min. 8 sh in Specialization area
- \_\_\_ Min. of 64 total sh
- \_\_\_ Residency requirement (transfer students only)
- \_\_\_ Min. of a 2.00 overall GPA
  
- \_\_\_ By 40 sh a request for “graduation evaluation” **MUST** be made with the Academic Advising Center in Moser Hall, Room 2325
  
- \_\_\_ Meet w/ IT program coordinator after graduation evaluation is complete

*Advisement for the IT major*

*PRE – IT:*  
 Students are initially advised from the Academic Advising Center, College of Science, Technology, Engineering, & Mathematics (STEM) in Moser Hall, 2<sup>nd</sup> floor, until they have completed the following requirements: English 1539/1540; Math 1500/1501; CSIS 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	1552	Applied Math for Management (prerequisite Math 1507 or Level 4 on MPT)	4	
or Math	1570	Applied Calculus 1 (prerequisite Math 1513 or Level 5 on MPT)	4	
or Math	1571	Calculus I (prerequisite Math 1513 or Level 7 on MPT)	4	
Cmst	1545	Communications Foundations (Eligible to take Engl 1550)	3	
<b>Two GER courses from the following areas:</b>				
<b>Natural Sciences (NS)</b>				
<b>Arts &amp; Humanities (AH)</b>				
<b>Social Science (SS)</b>				
<b>Social &amp; Personal Awareness (SPA)</b>				

*Consult the GER website or your advisor for the list of courses meeting GERs:*  
<http://web.ysu.edu/ger>

- Consult the GER website or your advisor for the list of courses meeting GERs: [www.ysu.edu/ger](http://www.ysu.edu/ger)
- Engl. 1550 & 1551 must be completed by 62 SH.
- Placement exam in English and Math required before registration of classes. (Foreign Language placement test is optional.)
- MATH 1500, 1501, 1502, 1503, 1504, 1507, 1508 ENGL 1509, 1512, 1539, 1540, RSS 1510A, B & C. STEM 1511 & CHEM 1501 are remedial and will not count toward graduation total hours.
- A grade of “C” or better is required in the Major and Minor and support courses. Credit/NC Option not permitted in Major/Minor
- Upper division courses have a catalog number of 3700 and above.
- Classes taken and/ or repeated out of sequence will **not** count toward graduation. **Check prerequisites.**
- Residency rule states that the last 30 SH must be completed at YSU; 16 SH in major and 21 SH in Upper Division at YSU.
- Request for *senior evaluation form must be filed by 40 SH*

## Information Technology Systems - AAS

Required courses for IT (40-46 sh) + specialization area				
Dept	Cat. #	Course Description	sh	gr
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 2-4	
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	3704	Business Communication (Engl 1550)	3	
INFOT	3714	Advanced spreadsheets (CSIS 1514 or 1590)	3	
INFOT	3774	Multimedia Technology (CSIS 1590)	4	
INFOT	3775	Multimedia Authoring (IT 3774)	4	
<b>Min. 8 sh of advisor approved specialization area</b>				

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

Remedial Course Work (will not be counted toward graduation hours)				
Dept	Cat. #	Course Description	sh	gr

**Notes:**

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