

**Purdue University Calumet
Computer Information Technology
Bachelor of Science Degree
Information Technology**

Student:

Major Date:

Student I.D.

Advisor:

Effective: Fall 2009

Program Notes:

1. The program requirements are determined by the date a student officially becomes a CIT major.
2. A student who is not qualified to take at least ENGL 104 and MA 147 courses is considered deficient and cannot take any ITS courses until the deficiency is removed.
3. A grade of a "C" or better is required in each ITS major course. ITS courses in which lower grades have been received must be retaken before progressing to the next course in the sequence. An incomplete is not considered a passing grade.
4. Only two ITS courses may be repeated because of an unsatisfactory (D or F) grade. These courses may be repeated one time.
5. No student shall choose the pass/not pass option for any ITS course. Advisor agreement is required for any other course.
6. Students must meet the **University** requirements for **freshman experience, general education, and experiential learning** prior to graduation. Students will utilize general education selective with advisor consent in the category listed.
7. It is expected that students taking 200, 300, 400 level courses have taken all of the previous levels courses regardless of prerequisites.

First Semester			Credit Hours	Semester Taken	Semester Grade
ITS	100	Information Technology Fundamentals	3		
ITS	110	Web Systems Technologies	3		
ITS	140	Introduction to computer algorithms and logic	3		
ENGL	104	English Comp Course	3		
MA	147	Algebra and Trigonometry for Technology	3		
Total			15		

Second Semester					
ITS	120	Intro to H-C Interaction	3		
ITS	135	Operating Systems Technologies	3		
ITS	170	Networking Technologies	3		
MA	205	Discrete Mathematics for IT	3		
ENGL	220	Technical Report Writing	3		
Total			15		

Third Semester					
ITS	200	Ethical and Legal Issues in IT	3		
ITS	240	IT Programming Fundamentals	3		
ITS	270	Internetworking Technologies	3		
COM	114	Fundamentals of Speech Communications	3		
			Natural Science Requirement	3/4	
Total			15/16		

Fourth Semester					
ITS	245	Integrative Programming	3		
ITS	250	Fundamentals of Information Assurance	3		
ITS	260	Applied Database Technologies	3		
STAT	301	Elementary Statistical Methods	3		
			Open Elective	3	
Total			15		

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			Credit	Semester	Semester
Fifth Semester			Hours	Taken	Grade
ITS	330	Advanced Operating Systems	3		
ITS	340	Advanced Programming	3		
ITS	350	Systems Assurance	3		
ITS	360	Distributed Application Architecture and Design	3		
ITS	370	Data Communications and Networking	3		
Total			15		

Sixth Semester					
ITS	352	Disaster recovery and planning	3		
ITS	362	Distributed Application Development	3		
ITS	364	Database Modeling and Implementation	3		
ITS	372	System Administration and Management	3		
		Social Science Selective	3		
Total			15		

Seventh Semester					
ITS	450	Software Assurance	3		
ITS	452	Computer Forensics	3		
ITS	470	Large Scale High Performance Systems	3		
ITS	480	Project Development and Management	4		
ITS	490	Senior Project/Undergraduate research	3		
Total			16		

Eighth Semester					
		Humanities Selective	3		
ITS	454	Assured Systems Design and Implementation	3		
ITS	462	Application Integration	3		
ITS	472	Network Design and Implementation	3		
ITS	490	Senior Project/Undergraduate research	3		
Total			15		

Total Credits this page: 61

Total Credits: 121/122