ZANE STATE COLLEGE

Information Technology - Programming and Web Development (ITPD) Course of Study 2016-2017

First Semester I (Fall)

Course ID	Course Name	T/B/G	Credits	Ck off
ENGL 1500	Composition I	G	3	
FYEX 1010	First Year Success Strategies	G	1	
ITCS 1010	Introduction to Information Technology	T	1	
ITCS 1020	Graphic Design	T	3	
ITCS 1030	Introduction to Programming Logic	T	3	
MATH 1240	Algebra & Trigonometry I	G	4	
	*Keyboarding Elective	B	1	
	Total:		**16**	

Second Semester I (Spring)

Course ID	Course Name	T/B/G	Credits	Ck off
BMCA 1300	Access	B	3	
ITCS 1230	Web Site Applications	T	2	
ITCS 1410	Introduction to C#	T	3	
MATH 2270	Statistics	G	3	
	* English Elective	G	3	
	* Arts & Humanities Elective	G	3	
	Total:		**17**	

Summer Session I

Course ID	Course Name	T/B/G	Credits	Ck off
	Total:		**0**	

Curriculum Summary: General (G)/ Basic (B) = 30 **Hours** Technical (T) = 32 **Hours** **Total Curriculum Hours**= 62

Third Semester II (Fall)

Course ID	Course Name	T/B/G	Credits	Ck off
ITCS 2020	Introduction to Java	T	3	
ITCS 2090	Project Management Methodologies	T	3	
ITCS 2250	Database Management Systems	T	3	
	*Natural Science Elective	G	3	
	*Social & Behavioral Science Elective	G	3	
	Total:		**15**	

Fourth Semester II (Spring)

Course ID	Course Name	T/B/G	Credits	Ck off
ITCS 1430	Server-side Scripting	T	3	
ITCS 2110	Security	T	3	
ITCS 2290	Capstone	T	1	
ITCS 2400	Introduction to Networking	T	2	
	*Communication Elective	G	3	
	*Technical Elective	T	2	
	Total:		**14**	

Summer Session II

Course ID	Course Name	T/B/G	Credits	Ck off
	Total:			

NOTE: Students must complete the computer literacy requirement in order to graduate which may be met through competency testing or completion of a program specific computer course. Refer to the degree audit and consult with the program advisor for the appropriate course(s) that meet the computer literacy requirement.

***ADDITIONAL INFORMATION ON REVERSE**

Information Technology
Programming and Web Development (ITPD)
Course of Study 2016-2017
Page 2

Arts & Humanities Electives		
AMSL 1010	American Sign Language I	3
AMSL 1020	American Sign Language II	3
ARTS 1010	Art History I	3
ARTS 1020	Art History II	3
ARTS 1200	The History of Photography	3
ENGL 2400	Creative Writing	3
ENGL 2420	The Literature of Work	3
ENGL 2450	The Literature of Crime	3
ENGL 2470	The Literature of Sustainability	3
ENGL 2520	British Literature: Industrialism to Present	3
ENGL 2600	American Literature: Civil War to Present	3
HUMS 1020	Critical Thinking	3
PHIL 1010	Introduction to Philosophy	3
PHIL 1020	Introduction to Ethics	3
PHIL 2010	Contemporary Philosophy	3
THTR 1010	Introduction to Theater	3
THTR 1020	Script Analysis	3

Technical Electives		
IASS 2100	Introduction to Open Source Programming	3
ITCS 1210	Visual Basic	2
ITCS 1240	Electronic Business and Commerce	3
ITCS 1420	Interactive Web Projects I	2
ITCS 2230	for Android Devices	3
ITCS 2370	e-Commerce Web Implementation	3
ITCS 2420	Interactive Web Projects II	2

Natural Science Electives		
ASTR 1800	Introduction to Astronomy	3
BIOL 1010	Principles of Biology	3
BIOL 1070	Environmental Science	3
BIOL 1210	General Biology I	4
BIOL 1220	General Biology II	4
BIOL 1410	Botany	3
BIOL 1510	Zoology	3
BIOL 2010	General Microbiology	3
BIOL 2400	Anatomy & Physiology I	3
BIOL 2410	Anatomy & Physiology I Lab	1
BIOL 2420	Anatomy & Physiology II	3
BIOL 2430	Anatomy & Physiology II Lab	1
CHEM 1010	Chemistry I	3
CHEM 1020	Introduction to Organic and Biochemistry	3
CHEM 1210	General Chemistry I	4
CHEM 1220	General Chemistry II	4
GEOL 1350	Earth Science	3
GEOL 2010	Physical Geology	4
PHYS 1100	Introductory Physics	4
PHYS 2010	Physics I: Mechanics and Heat	4
PHYS 2020	Physics II: Modern Physics	4

Communication Electives		
COMM 1220	Interpersonal Communication	3
COMM 2610	Public Speaking	3

English Electives		
ENGL 2500	Composition II	3
ENGL 2800	Technical Writing	3

Social & Behavioral Science Electives		
BUSM 1510	Microeconomics	3
BUSM 1520	Macroeconomics	3
GEOG 1610	U.S.Geography	3
GEOG 1710	World Regional Geography	3
HIST 1100	Western Civilization to 1492	3
HIST 1110	Western Civilization from 1492 to Present	3
HIST 1200	U.S. History I	3
HIST 1210	U.S. History II	3
POLS 1010	American National Government	3
PSYC 1010	Introduction to Psychology	3
PSYC 1100	Psychology of Gender	3
PSYC 2010	Abnormal Psychology	3
PSYC 2030	Child/Adolescent Psychology	3
PSYC 2080	Psychology of Personality	3
PSYC 2170	Social Psychology	3
PSYC 2310	Educational Psychology	3
SOCI 1010	Introduction to Sociology	3
SOCI 1500	Sociology of the Family	3
SOCI 2050	Deviant Behavior	3
SOCI 2060	Race and Ethnicity	3
SOCI 2180	Social Problems	3
WMST 1010	Introduction to Women's Studies	3

Keyboarding Electives		
AOAP 1110	Office Keyboarding Skills	1
AOAP 1150	Keyboard Skillbuilding	1