

COMPUTER INFORMATION SYSTEM TECHNOLOGY (Early Childhood – 12th Grade)

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BAT.CIS.EC-12
Fall 2008-Spring 2009

Bachelor of Applied Technology (B.A.T)

THE UNIVERSITY OF TEXAS AT BROWNSVILLE and TEXAS SOUTHMOST COLLEGE
COLLEGE OF APPLIED TECHNOLOGY AND GENERAL STUDIES

Teacher Certification

Student Name _____ ID # _____ Date _____

E-mail _____ Signature _____

Academic or Faculty Advisor _____ Date _____

GENERAL EDUCATION CORE	48 HOURS			AAS DEGREE OR EQUIVALENT	35 HOURS		
	HRS	GR	SEM	Degree Major:			
COMMUNICATION REQUIREMENT	9 hours			Institution:			
ENGL 1301 Composition I	3	†		Date:			
ENGL 1302 Composition II <i>or</i> ENGL 2311 Technical Writing	3	†					
SPCH 1315 Applied Communication <i>or</i> SPCH 1318	3						
MATH REQUIREMENT	3 hours			COMPUTER INFORMATION SYSTEM TECHNOLOGY TRACK¹	22 HOURS		
MATH 1314 College Algebra		†		COSC 1437 Programming Fundamentals II	4		
MATH 1332 Math for Liberal Arts		†		CISC 3316 Web Design and Programming	3		
<i>Or any higher level Math course</i>		†		CIST 3330 Networking and Database Management	3		
				CIST 3340 Concepts and Methods of Education Tech	3		
SCIENCE REQUIREMENT	8 hours			CIST 4310 Operating Systems Management	3		
Select two 4-hour science courses (3 hour lecture must be taken with corresponding 1 hour lab).				CIST 4346 Systems Analysis and Design	3		
	3, 1			CIST 4360 Computer Graphics & Digital Imaging	3		
	3, 1						
				PEDAGOGY AND PROFESSIONAL RESPONSIBILITIES	18 HOURS E		
HUMANITIES REQUIREMENT	6 hours			EDUC 2303 Technology in Education	3		
Literature (ENGL 2000 level)	3			EDCI 4322 Human Development and Instruction <i>or</i>	3		
ARTS 1301 Art Appreciation <i>or</i> ARTS 1303 Art History <i>or</i>				EDSC 4322 Human Development and Instruction	3		
MUSI 1306 Music Appreciation <i>or</i> MUSI 1308 Music Lit.	3			EDCI 4324 Designing Instr. & Assmt. To Promote Stud. Lrng.	3		
				EDSC 4325 Imp. Responsive Instruction & Assessment	3		
SOCIAL SCIENCE REQUIREMENT	12 hours			EDCI 4311 Student Teaching EC-4	3		
HIST 1301 United States to 1877	3			EDSC 4398 Student Teaching 8-12	3		
HIST 1302 United States Since 1877	3						
GOVT 2301 American and Texas Government	3			ADDITIONAL REQUIREMENTS	3 HOURS		
GOVT 2302 American Government and Policy	3			EDLI 4351 Content Area Literacy	3		
BEHAVIORAL SCIENCE REQUIREMENT	3 hours						
ANTH 2351 Cultural Anthropology							
BUSI 1301 Introduction to Business							
ECON 2301 Macroeconomics							
GEOG 1303 General World Geography							
PSYC 2301 Introduction to Psychology							
SOCI 1301 Introduction to Sociology							
SOCI 2319 The Mexican American Experience							
KINESIOLOGY REQUIREMENT	1 hour						
KINE 11____ (One hour of activity/health/wellness/ fitness)	1						
MODERN LANGUAGE REQUIREMENT	6 hours						
Six hours of same modern language, other than English.							
	3			TOTAL CREDIT HOURS FOR GRADUATION	126		
	3			TOTAL ADVANCED HOURS (minimum)	36		

E Maintain a minimum 2.50 GPA with no grade lower than a C. Student must meet all Program Admission Requirements/Student Teaching Rqmts. Contact School of Education for further information.

† Grade of "C" or better is required for graduation.

¹ CIST Track will be structured so that 6 credit hours are offered on-line per semester.