APPLIED SOFTWARE DEVELOPMENT GUIDED PATHWAY

Winthrop University's Bachelor of Science degree in Applied Software Development (ASWD) degree is specifically designed for students that have completed their Associate of Applied Science in Computer Technology - Programming Specialization (AAS.CPT.PROG) at a South Carolina technical college. The ASWD degree enables graduates to pursue a broader range of careers, particularly management-track positions, and higher salaries.

TERM 1 at York Technical College		
Course		√
COL 101: College Orientation	1	
IST 188: Hardware Basics and Operating Systems	5	
CPT 170: Microcomputer Applications	3	
CPT 168: Programming Logic and Design	3	
IST 220: Data Communications	3	
MAT 110: College Algebra	3	
Total credits:	18	

TERM 2 at York Technical College		
Course		√
CPT 270: Advanced Microcomputer Applications	3	
CPT 230: C# Programming I	3	
CPT 236: JAVA Programming I	3	
CPT 242: Database	3	
CPT 231: C# Programming II	3	
ENG 101: English Composition I	3	
Total credits:	18	

TERM 3 at York Technical College		
Course		√
CPT 264: Systems and Design	3	
IST 226: Internet Programming	3	
IST 272: Relational Database	3	
ENG 160: Technical Communications	3	
MAT 120: Probability and Statistics	3	
Total credits:	15	

TERM 4 at York Technical College		
Course		√
SPC 205: Public Speaking	3	
HSS 205: Technology and Society	3	
CPT 244: Data Structures	3	
CPT 232: C++ Programming I OR CPT 237: Advanced JAVA Programming OR CPT 238 Internet Scripting OR CPT 246 Introduction to XML	3	
Social Science Course	3	
Total credits:	15	

TERM 5 at Winthrop University		
Course		√
HXCT 301: Human Experience/ Critical Reading, Thinking and Writing	3	
MATH 261: Discrete Math	3	
CSCI 466: Networking	3	
Humanity	3	
Social Science	3	
Total credits:	15	

TERM 6 at Winthrop University		
Course		√
MATH 105: Applied Calculus	3	
CSCI 311: Computer Architecture	4	
CSCI 365: Information Security	3	
CSCI Elective*	3	
Physical Education	1	
Total credits:	14	

TERM 7 at Winthrop University		
Course		√
CSCI 475: Sw Eng I	3	
CSCI Elective*	3	
Lab Science	4	
Humanity	3	
Historical Perspective	3	
Total credits:	16	

TERM 8 at Winthrop University		
Course		√
CSCI 327: Social Implications	3	
CSCI 411: Operating Systems	3	
CSCI 476: Sw Eng II	3	
CSCI Elective*	3	
Global Perspective	3	
Total credits:	15	

*ASWD students select at least three upper-division CSCI colective courses. Possible electives include: CSCI 440 Computer Graphics, CSCI 441 Web Application Design, CSCI 451 Mobile App Development, CSCI 460 Machine Learning, CSCI 477 Software Project Management, CSCI 491 Internship in Computer Science, CSCI 570 Parallel Computing

Advising Topics (at York Tech)	Term 1	Term 2	Year 1	Term 3	Term 4	Year 2
Monitor York Tech e-mail	*	*		*	*	
Schedule/ attend advising appointment & register for next semester classes through Navigate. https://yorktech.navigate.eab.com	*	*		*	*	
Build academic plan in Navigate Planner	*					
Create profile in the WU Credit Transfer Evaluator (https://winthrop.transfer.degree/app/index.html)	*					
Add YTC courses to WU Credit Transfer Evaluator to monitor degree progress	*	*		*	*	
Complete FAFSA. (YTC Code: 003996)			*			*
Maintain a cumulative GPA of 3.0 or higher to be eligible for WU transfer scholarships. Maintain 3.0 & 30 credit-hours for LIFE Scholarship	*		*			*
Apply for YTC scholarships (www.yorktech.edu/Scholarships/)			*			*
Attend WU Transfer Information Session (https://www.winthrop.edu/admissions/visit-the-campus.aspx)				*	*	
The semester before you plan to transfer to WU, complete the WU Transfer Application (apply.winthrop.edu/apply) and send your unofficial YTC transcript to WU					*	
Apply for YTC graduation					*	
When your final grades are posted for your last YTC classes, send your official transcript to WU.					*	
Advising Topics (at Winthrop)	**Term 5**	**Term 6**	**Year 3**	**Term 7**	**Term 8**	**Year 4**
Monitor Winthrop e-mail	*	*		*	*	
Schedule and attend advising appointment	*	*		*		
Declare a minor if applicable	*					
Review interim grades	*	*		*	*	
Track use of S/U and repeat options	*	*		*	*	
Track cultural events	*	*		*	*	
Maintain a 3.0 or higher GPA & 30 credit-hours per year for LIFE Scholarship			*			*
Complete HXCT 301 with a grade of C- or better			*			
Register for next semester classes	*	*		*		
Monitor progress on 40 credit hours above 299		*		*		
Monitor degree progress in Degree Works	*	*		*	*	
Apply online for graduation				*		