Computer Science A.S. Degree 62-64 Credits
Statewide Program-to-Program Articulation Agreement

Fall I:

Course ID	Course Name	Credits	Prerequisites and Other Information
FYE101	First Year Experience	1	
ENG 110	English Composition I	3	PR: ENG 020 or placement
MAT 210	Calculus I	4	PR: MAT170 or placement
CSC 121	Intro to Software Engineering	3	PR: ENG020 & MAT 085 or by placement
CSC 126	Programming I	3	PR: ENG020 & MAT 085 or by placement
Total Credits		**14**	

Spring I:

Course ID	Course Name	Credits	Prerequisites and Other Information
ENG 200	English Comp II: Studies in Literature	3	PR: ENG 110
MAT 200	Probability and Statistics	3	PR: Any 100-level MAT course or higher or by placement
COM 101	Public Speaking	3	
CSC 206	Programming II: Object-Oriented Programming	3	PR: CSC 126
Elective	Social Science	3	
Total Credits		**15**	

Fall II:

Course ID	Course Name	Credits	Prerequisites and Other Information
CSC 211	Survey of Programming Languages	3	PR: CSC 206
CIT 173 or CIT 132*	Windows Enterprise Desktop or Operating Systems or Local Area Networks	3 4	
Elective	Science Elective	4	PR: per individual course
MAT 204	Discrete Math	3	PR: MAT 145 or higher
Humanities Elective	Choose: ART 101, PHI 110, or MUS 100	3	
Total Credits		**16/17**	

Spring II:

Course ID	Course Name	Credits	Prerequisites and Other Information
CSC 215	Data Structures	3	PR: CSC211, MAT204
CSC 220	Computer Organization and Architecture	4	PR: CSC211
CIT 222 or CIT 237*	Linux Operating System or TCP/IP Connectivity and Troubleshooting	3	PR: If taking CIT237- need CIT 132
Elective	Science Elective	4	PR: Per individual course
Elective	Values and Ethics Elective	3	
Total Credits		**17**	

*Work with a transfer counselor at your receiving school to select a concentration in operating systems or networking
***NOTE: To meet the requirement for transfer as part of the Statewide Articulation Agreement, no Graduation Substitutions are permitted.**

<u>**TRANSFER OPTIONS**</u>: After completing this entire degree, graduates can transfer seamlessly State System Universities*, University of Pittsburgh at Johnstown, Carlow University, Robert Morris University, and Lincoln University as junior status.

ADVISING PLANNING RUBRIC

Take this rubric to each advising appointment to discuss these points with your advisor to stay on track in meeting your goals.

Check Point	Student Learning Outcome	Not met	In Progress	Completed
By 6-15 credits	✓ Have met with your advisor at least once per semester before Priority Registration to review short-term and long-term goals described in the Academic Planning Survey. Map out a draft of a plan for courses each semester	☐	☐	☐
	✓ Are able to identify tools available on myPEAK such as Degree Audit and Course Search	☐	☐	☐
	✓ Have explored the College Catalog available online	☐	☐	☐
	✓ Are able to locate college offices and services available to you such as Career Services, Student Success Center, Financial Aid, Writing/Math Center, etc.	☐	☐	☐
	✓ Have investigated specific program requirements for your major such as clearances, internship requirements, minimum GPA, etc. Consult college catalog and advising worksheet	☐	☐	☐
	✓ Have begun researching career paths and consider reviewing Career Coach assessment results with career counselor, setting up job shadow in at least one area of interest, and/or attending the Job/Internship/Transfer Fair	☐	☐	☐
By 24-30 credits	✓ Have met with your advisor at least once per semester before Priority Registration to review academic progress and plans for work or transfer	☐	☐	☐
	✓ Are able to use tools available on myPEAK under the Advising tab, Registration tab, and Pay for College tab such as Degree Audit, Course Search, GPA calculator, and Financial Aid Document Tracking	☐	☐	☐
	✓ Have met with Career Services to begin building a resume and to activate your College Central account to prepare for a job search. Connect with a 4-year transfer counselor if transferring	☐	☐	☐
	✓ Can list the exact courses and program requirements needed to graduate with chosen major	☐	☐	☐
	✓ Have explored the PA TRAC website (pacollegetransfer.com) as well as Transfer Central on myPEAK for transfer and articulation information	☐	☐	☐
By 36-45 credits	✓ Have met with your advisor at least once per semester before Priority Registration to review progress and to prepare for registration	☐	☐	☐
	✓ Have identified an internship with your advisor or career counselor if entering the workforce, or have begun visiting and applying to four-year schools if transferring	☐	☐	☐
	✓ Have applied for graduation	☐	☐	☐
By 60+ credits	✓ Have met with your advisor at least once per semester before Priority Registration to review progress and to prepare for registration	☐	☐	☐
	✓ Have begun job searching and/or followed up on status of applications to four-year schools	☐	☐	☐
	✓ Have begun planning your academic requirements at your intended four-year program (if transferring)	☐	☐	☐

Student Name Click or tap here to enter text.   **Advisor Name** Click or tap here to enter text.

Social Science Electives—work with a transfer counselor at your receiving college
ANT 100 Introduction to Anthropology
CIV 100 History of Western Civilization I
CIV 110 History of Western Civilization II
ECO 100 Principles of Macroeconomics
ECO 110Principles of Microeconomics
GOV 100 American National Government
HIS 100 U.S. History I
HIS 110 U.S. History II
PSY 100 General Psychology
SOC 100 Introduction to Sociology

Science Electives – must be a 4-credit lab course; work with a transfer counselor at your receiving college
BIO 104/114 Principles of Biology 1 w/lab
BIO 106/116 Principles of Biology 2 w/lab
BIO 202/212 Anatomy and Physiology 1 w/lab
BIO 204/214 Anatomy and Physiology 2 w/lab
CHM 106 Introduction to Chemistry
CHM 120 General Chemistry 1
PHY 110/111 General Physics 1 (non-Calculus)

Values and Ethics Electives
Students must select one course to meet the Value and Ethics requirement. The selected course may not meet any other program or general education requirement.

AST 100 – Introduction to Astronomy
BUS 130 – Personal Consumer Finance
CIV 100 – Western Civilization: Ancient through Renaissance*
CIV 110 – Western Civilization: Renaissance to Present*
CIV 200 – Ancient Rome and the Barbarians
ENG 105 – Effective Writing for the Workplace
ENG 215 – Creative Writing (CR: ENG 110)
ENG 220 – Business Letter and Report Writing (CR: ENG 110)
ENG 225 – Technical Writing (CR: ENG 110)
ENG 235 – Survey of American Literature II* (CR: ENG 110)
ENG 245 – Survey of British Literature II* (CR: ENG 110)
ENV 110 – Introduction to Environmental Science
GLG 102/103 – Introduction to Geology
GOV 100 – Introduction to American National Government*

GOV 210 – Current Events and Contemporary Issues
HIS 100 – U.S. History I: Discovery through Reconstruction*
HIS 110 – U.S. History II: Reconstruction to Present*
HIS 205 – American Popular Culture
HIS 210 – The Civil War and Reconstruction
HIS 215- History Through Film
HIS 250 – World War II through Film
LIF 111 – Health and Wellness
PHI 100 – Critical Thinking
PHI 110 – Introduction to Philosophy*
PHI 200 – Introduction to Ethics
REL 100 – World Religions/Religious Studies
REL 200 – Understanding the Bible