



# PATHWAYS



YOUR MAP TO  
COMPLETION for  
**2023-2024**

## Computer Science - Cybersecurity and Networking Technology

Associate in Applied Science / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	Required V
	CIS 134	IT Fundamentals	3	Fa Sp	Required V
	CIS 149	Introduction to Computers	3	Fa Sp	Required V
	CIS 199	Network Communications	3	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	MTH 100	Intermediate College Algebra	3	Fa Sp Su	Required III
Semester 2	CIS 202	Python Programming	3	Sp Su	Required V
	CIS 270	Cisco CCNA I	3	Spring	Required V
	CIS 245	Cyber Defense	3	Spring	Required V
	CIS 171	Linux I	3	Sp Su	Required V
	*MTH 112	Precalculus Algebra	3	Fa Sp Su	Required III
Semester 3	CIS 214	Pen Testing	3	Summer	Required V
	CIS 271	Cisco CCNA II	3	Summer	Required V
	CIS 211	Principles of Information Assurance	3	Fa Sp Su	Required V
	CIS 267	Enterprise Virtualization	3	Summer	Required V
Semester 4	CIS 280	Network Security	3	Fall	Required V
	CIS 281	System Analysis and Design	3	Fa Sp	Required V
	ENG 102	English Composition II	3	Fa Sp Su	Required I
	*PSY 200	General Psychology	3	Fa Sp Su	Required IV
Semester 5	CIS 294	Special Topics	3	Fa Sp Su	Required V
	*IDS 102	Ethics	3	Fa Sp Su	Required II
	CIS 146	Computer Applications	3	Fa Sp Su	Required V
	CIS 263	Computer Maintenance	3	Fa Sp	Required V
Cybersecurity and Networking Technology AAS TOTAL HOURS 67					
Network Technician Short-Term Certificate TOTAL HOURS 12					
Information Technology Short-Term Certificate TOTAL HOURS 12					
Cyber Technician Short-Term Certificate TOTAL HOURS 12					
Electric Vehicle (EV) Cybersecurity Short-Term Certificate TOTAL HOURS 12					

\*May be substituted per advisor's approval

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <https://alabamatransfers.com/>

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