

# CYBERSECURITY (BAS)(PLAN CODE: CISCYBAS)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

A minimum of 35 quarter units or 24 semester units (100-level or above) must be completed prior to program completion and needs to include five units minimum in each of the following categories: communication studies, quantitative skills, humanities, social science, and natural science as defined by Clark College.

Code	Title	Credits/ Units
<b>General Education Requirements (45 credits required)</b>		
<i>Communication Skills</i>		
ENGL& 235	Technical Writing	5
CMST 310	Organizational Communication	5
<i>Quantitative/Symbolic Reasoning</i>		
PHIL& 120	Symbolic Logic	5
<i>Humanities</i>		
CMST& 230	Small Group Communication	5
PHIL 420	Ethics In Management	5
<i>Social Science</i>		
ECON 110	Introduction to The Global Economy	5
SOC 315	Organizational Behavior	5
<i>Natural Science</i>		
ENVS 109	Integrated Environmental Science	5
ENVS 430	Sustainability & Environmental Practices	5
<b>Qualifying AA/AAT/AAS General Education Requirements</b>		
<i>Communication Skills</i>		
ENGL& 101	English Composition I	5
<i>Computational Skills</i>		
Any generally transferable computational course with Intermediate Algebra as a prerequisite		5
<i>Human Relations</i>		
Course Options ( <a href="https://catalog.clark.edu/degree-certificate-requirements/career-technical-degrees-certificates-distribution-list/#human-relations">https://catalog.clark.edu/degree-certificate-requirements/career-technical-degrees-certificates-distribution-list/#human-relations</a> )		5
<b>Major Area Requirements</b>		
NTEC 321	Enterprise Networking Foundation	5
NTEC 361	Cybersecurity Programming & Scripting Foundation	5
NTEC 364	IoT Foundation: Connecting Things	5
NTEC 365	Big Data & Analytics Foundation	5
NTEC 371	Cybersecurity Foundation	5
NTEC 472	Cybersecurity Penetration Testing	5
NTEC 473	Cybersecurity Analyst	5
NTEC 475	Cybersecurity Operations	5
NTEC 499	Capstone Project	5

Qualifying AA/AAT/AAS degree	90
<b>Total Credits Required</b>	<b>180</b>

## Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- Plan, implement, administer, and support enterprise information technologies and systems.
- Analyze the security vulnerabilities of an organization's information technology resources.
- Plan and implement security measures and practices for an organization's information technology resources.
- Evaluate organization needs, and use those to plan the implementation of information technology systems.

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan. To view the current suggested map for your program please visit our website <https://programmap.clark.edu/academics> (<https://programmap.clark.edu/academics/>)