College High School Partnership (CHSP) Articulated College Credit Agreement
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Articulated College Credit Agreement:

Through Articulated College Credit (ACC), specific college curriculum learning outcomes and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school course. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.

Agreement Name: **Introduction to Cybersecurity**
Agreement Reviewed/Revised: **2023 -24**

These credits are valid for students in grades 10-12 for 5 years from the completion of this course.

College	College Course	College Programs	Articulated College Credit
Anoka-Ramsey Community College	CNET 1105 – Introduction to Cybersecurity	*Computer Networking (A.S. – 60 cr.) - Elective *Cybersecurity (A.S. – 60 cr.) *System Administration (A.A.S.- 60 cr.) *Computer Network Security (Cert. – 30 cr.) *Network Support & Administration (Cert. – 30 cr.) – Elective *IT Support Specialist (Cert. – 16 cr.)	1 credit of 1 total credit

Course Description:
This course explores the broad topic of cybersecurity. Topics include how to protect personal data and privacy online and in social media, and why many IT jobs require cybersecurity awareness and understanding. Participants are exposed to various aspects of cybersecurity in a very broad, easy-to-understand way. Students will learn the value of securing data, both for themselves and the organization. This course will introduce basic concepts of risk management, security policies, common threats and countermeasures. Best practices in access control and password policies will also be covered.

Course Content Goals:
The following content goals will be addressed in the course:
- The Need for Cybersecurity
- Attacks, Concepts and Techniques
- Protecting Data and Privacy
- Careers in Cybersecurity

Course Learning Outcomes:
100% of the course learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s).
1. Explore what cybersecurity is and what it means for you personally and professionally
2. Learn how to be safe online by understanding the most common threats, attacks and vulnerabilities
3. Find out how businesses protect their operations from cyber-attacks and why jobs are growing
4. Examine legislation related to data confidentiality, integrality and availability
5. Understand personal responsibilities and liabilities when working with confidential information
6. Recognize the threats and risks to modern data and information systems
7. Understand risk management and methods used to address risk
8. Install personal computer (PC) hardware

Course Assessments:
To obtain Articulated College Credit, students will complete the following:
1. Successful completion of the course showing the full range of grasping the course concepts and principles with an **80% or higher.**
2. Project-based assessments throughout course with **80% or higher.**
3. End-of-course assessment(s) or technical skill assessment(s) completed with an **80% or higher.**
4. Teachers/faculty may use one of the recommended technical skill assessments listed below to achieve assessing student learning in the course outcomes.

Recommended Industry-Recognized Certification or Comprehensive Assessment – College

Assessment or Certification	Vendor	Other Information
Security +	CompTIA	www.comptia.org
PCCET	Palo Alto Networks PCCET	www.paloaltonetworks.com

Recommended Industry-Recognized Certification or Comprehensive Assessment – High School

Assessment or Certification	Vendor	Other Information
Cybersecurity	Project Lead the Way	www.pltw.org