Minnesota
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 courses. 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. In some cases, credit toward electives is also an option.

Agreement Name	**Computer Security Awareness**	
Agreement Created	**2024 -25**	

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

College	College Course	College Programs	ACC
Hennepin Technical College	ITEC 1005 – Computer Security Awareness	• Cyber Defense and Network Security (A.A.S. – 60 cr.) • Cybersecurity (Adv Tech Cert. – 15 cr.) • IT Support (A.A.S. – 60 cr.) • IT Support Specialist (Diploma – 46 cr.) • IT Service Desk Technician (Occ. Cert. – 30 cr.) • Organizational Support (A.A.S. – 60 cr.) • Organizational Specialist (Diploma – 45 cr.) • Organizational Assistant (Occ. Cert. – 30 cr.)	3 of 3 credits

Course Description

In this course, we will examine the issues surrounding computer security in today's highly technological world. The course is designed to provide an overview of security problems and is intended for end users who use computers at home or in the office. The course covers information about staying secure, including maintaining a secure environment and how to avoid security attacks.

Learning Outcomes

100% of the course learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s).

The following outcomes will be addressed in the course:
- Define a broad view of Computer Security as information security
- Gain an understanding of the issues and effects surrounding Computer Security
- Understand the types of attacks that can occur
- Apply legal issues in computer security cases
- Apply ethical issues in computer security cases
- Examine elementary cryptography
- Explore the nature of attacks and their economic impact
- Analyze cases to determine solutions for secure systems management
- Develop a personal computing security plan

Textbook

For articulation with HTC's CCIS1005, an example textbook is Pearson's *Computer Security Fundamentals, 4th edition*. URL: https://www.pearson.com/store/p/computer-security-fundamentals/P100002631726/9780135774779

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. End-of-course assessment(s) or technical skill assessment(s) completed with an **80% or higher.**
3. Teachers/faculty may use the recommended technical skill assessments listed in a course(s) singly or together to achieve assessing student learning in the course outcomes.