

# 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 high school 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.

**Agreement Name**                      **PC Operating Systems**  
**Agreement Reviewed**              **2024 -25**

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

Colleges	College Courses	College Programs	ACC
Hennepin Technical College	ITEC 1102 – PC Operating Systems	<ul style="list-style-type: none"><li>• IT Support (A.A.S. – 60 cr.)</li><li>• IT Support Specialist (Diploma – 46 cr.)</li><li>• IT Service Desk Technician (Occ. Cert. – 30 cr.)</li><li>• Organizational Support (A.A.S. – 60 cr.)</li><li>• Organizational Specialist (Diploma – 45 cr.)</li><li>• Organizational Assistant (Occ. Cert. – 30 cr.)</li><li>• Network Support (Diploma – 44 cr.)</li><li>• Data Center Administration (A.A.S. – 60 cr.)</li><li>• Data Center Operations (Adv. Tech. Cert. – 20 cr.)</li></ul>	3 of 3 credits

### Course Description

Examines the functions of the Windows operating system and the Linux operating system, including command line interface and essential open-source software concepts. Students will be able to manage their own desktop or laptop computers, including installing and running applications, managing files and using the Internet. This course takes a hands-on approach to exploring the day-to-day operations of operating systems.

## 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:

- Identify the major elements of a computer operating system and explain their functions
- Describe the differences between application and system software
- Identify what user impact the graphical user interface (GUI) has on routine computer work
- Utilize the basic functions of the major Windows 10 and Linux desktop environments
- Utilize System Settings to customize the desktop and computer system
- Identify features of the configuration utilities provided by the desktop environments
- Explain methodologies that can be used to organize data storage
- Utilize Windows application programs
- Examine the features of system maintenance
- Utilize a command line interface
- Utilize current technological tools
- Demonstrate getting troubleshooting help
- Demonstrate a variety of networking and media features
- Create, edit, save, and print documents using application programs

## Reference Text

Please visit the [www.hennepintech.edu](http://www.hennepintech.edu) bookstores for up-to-date text information.

## Assessments

To obtain Articulated College Credit, students will complete the following:

1. Successful completion of the course meeting the learning objectives with a grade of **B or better**.
2. Project-based assessments throughout the course with a grade of **B or better**.
3. Pass written unit tests with a grade of **B or better**.
4. End-of-course assessment(s) or technical skill assessment(s) completed with a grade of **B or better**.