

2019/2020 Student Competency Record
Introduction to Technology
8482 - 18 weeks

<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> Student	<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <u>2019/2020 2nd semester</u> School Year
<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <u>Stonewall Middle</u> School	<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <u>Lisa M Lewis</u> Teacher Signature

Traditional letter or numerical grades do not provide adequate documentation of student achievement in competency-based education; therefore, the Virginia Standards for CBE require a recording system to provide information about competencies achieved to employer, student-employee, and teacher. The Student Competency Record provides a means for keeping track of student progress. Ratings are assigned by the teacher for classroom competency achievement and by the teacher-coordinator in conjunction with the training sponsor when competence is evaluated on the job.

Tasks/competencies designated "Required" are considered essential statewide and are required of all students. In some courses, all tasks/competencies have been identified as required. Tasks/competencies marked "Optional" are considered optional; they and/or additional tasks/competencies may be taught at the discretion of the school division. Tasks/competencies marked with an asterisk (*) are considered sensitive, and teachers should obtain approval by the school division before teaching them. Student competency records should be kept as long as the student is enrolled in the school and for five years after the student graduates/leaves the school.

Note: Students with an Individualized Education Program (IEP) or an Individualized Student Alternative Education Plan (ISAEP) will be rated, using the following scale, only on the competencies identified in their IEP or ISAEP.

Students will be expected to achieve a **satisfactory rating** (one of the three highest marks) on the Student Competency Record (SCR) rating scale on at least 80% of the required (essential) competencies in a CTE course.

...RATING SCALE...

- 1 - Can teach others**
- 2 - Can perform without supervision**
- 3 - Can perform with limited supervision**
- 4 - Can perform with supervision**
- 5 - Cannot perform**

8482 18 weeks	Introduction to Technology TASKS/COMPETENCIES		Date	Rating
Demonstrating Personal Qualities and Abilities				
Required	1	Demonstrate creativity and innovation.	In progress	
Required	2	Demonstrate critical thinking and problem solving.	In progress	
Required	3	Demonstrate initiative and self-direction.	In progress	
Required	4	Demonstrate integrity.	In progress	
Required	5	Demonstrate work ethic.	In progress	
Demonstrating Interpersonal Skills				
Required	6	Demonstrate conflict-resolution skills.	In progress	
Required	7	Demonstrate listening and speaking skills.	In progress	
Required	8	Demonstrate respect for diversity.	In progress	
Required	9	Demonstrate customer service skills.	In progress	
Required	10	Collaborate with team members.	In progress	
Demonstrating Professional Competencies				
Required	11	Demonstrate big-picture thinking.	In progress	
Required	12	Demonstrate career- and life-management skills.	In progress	
Required	13	Demonstrate continuous learning and adaptability.	In progress	
Required	14	Manage time and resources.	In progress	
Required	15	Demonstrate information-literacy skills.	In progress	
Required	16	Demonstrate an understanding of information security.	In progress	
Required	17	Maintain working knowledge of current information-technology (IT) systems.	In progress	
Required	18	Demonstrate proficiency with technologies, tools, and machines common to a specific occupation.	In progress	
Required	19	Apply mathematical skills to job-specific tasks.	In progress	
Required	20	Demonstrate professionalism.	In progress	
Required	21	Demonstrate reading and writing skills.	In progress	
Required	22	Demonstrate workplace safety.	In progress	
Addressing Elements of Student Life				
Required	23	Identify the purposes and goals of the student organization.	Not started	
Required	24	Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult.	Not started	

Required	25	Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects.	In progress	
Required	26	Identify Internet safety issues and procedures for complying with acceptable use standards.	In progress	
Exploring Work-Based Learning				
Required	27	Identify the types of work-based learning (WBL) opportunities.	In progress	
Optional	28	Reflect on lessons learned during the WBL experience.	In progress	
Required	29	Explore career opportunities related to the WBL experience.	In progress	
Optional	30	Participate in a WBL experience, when appropriate.	Not started	
Six-week courses must include two of the following areas, nine-week courses must include three, 12-week courses must include four, 18-week courses must include five, and 36-week courses must include all seven areas.				
Introducing Technology				
Required	31	Explain <i>technology</i> .	In progress	
Required	32	Identify examples of technology throughout history.	In progress	
Required	33	Describe inventions that have been important to society.	In progress	
Required	34	Research careers and the technologies used in them.	In progress	
Investigating the Impacts of Technology				
Required	35	Describe how society affects technology and technology affects society.	In progress	
Required	36	Identify emerging technologies.	In progress	
Required	37	Predict future technological changes.	In progress	
Examining Resources of Technology				
Required	38	Identify resources used in technology.	In progress	
Required	39	Identify the six simple machines.	In progress	
Optional	40	Differentiate between types of materials.	Not started	
Required	41	Demonstrate safe use of a minimum of three tools and/or pieces of equipment.	In progress	
Required	42	Demonstrate various types of measuring.	In progress	
Required	43	Create sketches and drawings.	In progress	
Solving Problems				
Required	44	Describe a problem-solving process.	In progress	
Required	45	Apply a problem-solving process.	In progress	
Examining Systems				
Required	46	Illustrate how processes change inputs to outputs in any system.	In progress	
Required	47	Identify the parts of a system within a device.	In progress	

