

Course Description: In REC 2, students build and program the BaseBot, then use it to conduct experiments demonstrating physics and mechanical properties, adding sensors and mechanism. REC 1 concludes with a capstone project featuring competitive instructional strategies. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of a student organization, SkillsUSA West Virginia. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets.

Student Led Companies		Complete
Content Skill Sets		Knowledge/ Performance
1867.01	Use social media appropriately and effectively, in personal and professional situations.	
1867.02	Exhibit flexibility and adaptability.	
1867.03	Demonstrate leadership skills.	
1867.04	Recognize others for their contributions.	
1867.05	Demonstrate group process techniques.	
1867.06	Organize work.	

Application/Interview Structure		Complete
Content Skill Sets		Knowledge/ Performance
1867.07	Exhibit professional practices.	
1867.08	Apply for employment.	
1867.09	Demonstrate employability skills needed to keep a job.	
1867.10	Demonstrate personal qualities appropriate to the work environment.	

Formal Attendance System		Complete
Content Skill Sets		Knowledge/ Performance
1867.11	Exhibit responsibility.	
1867.12	Explain the importance of satisfactory attendance to the overall operation of the business.	
1867.13	Call in to notify the supervisor of unanticipated absences.	

Drug Free Work Zone		Complete
Content Skill Sets		Knowledge/ Performance
1867.14	Identify healthy practices and behaviors that will maintain or improve the health of self.	
1867.15	Ensure healthful working conditions.	
1867.16	Identify why drug free work zones are needed to be a productive/safe company.	

6S Environment		Complete
Content Skill Sets		Knowledge/ Performance
1867.17	Apply previous learning to situations where problems must be solved or decisions made quickly.	
1867.18	Exhibit interest in making the organization more effective and productive.	
1867.19	Identify why 6S is important to be an efficient and effective company.	

Safe Work Areas		Complete
Content Skill Sets		Knowledge/ Performance
1867.20	Explain the necessity and benefits/disadvantages of organizational change.	
1867.21	Identify ways to reduce or prevent injuries and illness.	
1867.22	Identify efficient, effective, and ethical uses of technology in the workplace.	
1867.23	Ensure safe working conditions.	
1867.24	Demonstrate safe use of tools and equipment.	
1867.25	Practice environmental conservation and safety.	

Work Place Teams		Complete
Content Skill Sets		Knowledge/ Performance
1867.26	Participate in group or team discussions.	
1867.27	Cooperate in a pleasant and polite manner with clients, coworkers, and supervisors.	
1867.28	Explain the importance of teamwork to the overall operation of the business.	
1867.29	Perform work tasks in a team.	
1867.30	Look for ways to help others.	
1867.31	Take directions willingly.	

Project-Based Learning/Student Engagement		Complete
Content Skill Sets		Knowledge/ Performance

1867.32	Perform math operations using whole numbers, fractions, and percentages.	
1867.33	Gather information.	
1867.34	Provide clear documentation of assignments, goals, and timelines.	
1867.35	Define the problem.	
1867.36	Analyze the problem and identify the solution.	
1867.37	Make recommendations.	

Company Name and Handbook		Complete
Content Skill Sets		Knowledge/ Performance
1867.38	Identify the company's mission and the individual employee's contribution to that mission.	
1867.39	Interpret organizational policies and procedures.	
1867.40	Apply management techniques.	

Company Meetings		Complete
Content Skill Sets		Knowledge/ Performance
1867.41	Engage in conversations with coworkers, supervisors, and clients.	
1867.42	Use the knowledge of computer logic, operation systems, and basic troubleshooting techniques.	
1867.43	Attend team meetings, focus on the topic/purpose, offer facts and ideas, and help others.	

Onsite Business Reviews		Complete
Content Skill Sets		Knowledge/ Performance
1867.44	Interpret and comprehend technical and general interest in written material.	
1867.45	Identify how the company functions within the broad world of business, industry, and service.	
1867.46	Identify ways in which the individual employee represents the organization.	
1867.47	Apply industry quality standards and practices.	

Accountability		Complete
Content Skill Sets		Knowledge/ Performance
1867.48	Identify aspects of owning or starting up a small business.	
1867.49	Share information using a range of appropriate communications technologies.	
1867.50	Explain the importance of using data to improve company productivity.	