1. Inspected all lab equipment before student use to reduce chances of potential hazards.
2. Evaluated and revised lesson plans and course content to facilitate and moderate classroom discussions and student centered learning.
3. Verified correctly positioned and working eyewash stations, safety showers, fire extinguishers and fire blankets for potential laboratory accidents.
4. Incorporated exciting and engaging activities to reinforce student participation and hands-on learning.
5. Engaged students and promoted intellectual curiosity through hands-on experiments, PowerPoint presentations and mnemonics to provide positive attitude towards scientific processes.
6. Maintained records of student progress and lab completions, using [Software].
7. Managed laboratory and stockroom by pricing and ordering chemical supplies and equipment.
8. Instructed students in lab by teaching safety protocols for proper use of chemicals and safe disposal of hazardous materials.
9. Communicated frequently with parents, students and faculty to provide feedback and discuss instructional strategies.
10. Calibrated and maintained lab instruments, including pressure sensors, oxygen sensors, pH meters and barometers.
11. Conferred with academic area chair on questions or issues involving course curricula, instructional strategies and college policies and procedures.
12. Fostered motivating learning environment by planning and displaying enthusiasm for organic and inorganic chemistry.
13. Designed science dictionary with chemistry terminology to guide students in classroom and lab, using [Software].
14. Leveraged varied instructional delivery modes to support student differences and learning styles.
15. Participated in department meetings to provide input to colleagues about student achievement and improvement.
16. Maintained current knowledge of chemistry and effective teaching methodologies.
17. Consulted with students individually and in groups to help students efficiently reach learning goals.
18. Developed and distributed approved course syllabus to students to convey goals and outcomes of course.
19. Attended [Timeframe] meetings to develop and maintain strong and vibrant instructional institution.
20. Designed and implemented course curriculum that reflected relevance of chemistry to everyday world.