SMSU College Now Instructor Qualifications for General Chemistry I & II:

Demonstration of relevant and advanced content-area knowledge:
Instructors may meet the minimum requirement for advanced content-area knowledge through any one of the following four methods:

___ 1. A graduate degree in field of Chemistry or Chemistry Education;

OR

___ 2. A graduate degree in any field and 18 graduate credit hours in field(s) of Chemistry or Chemistry Education

OR

___ 3. A graduate degree in any science or science education field plus five (5) significant, relevant options from this list (a-i), subject to review and approval by the Chemistry program:

OR

___ 4. A graduate degree in any field plus two graduate -level Chemistry courses (6 credits) and four (4) significant, relevant options from this list (a-i), subject to review and approval by the Chemistry program:

_____ a. Graduate-level course(s) in chemistry or related fields. These need not have been taken as part of a graduate degree program. Each three (3) credits equals one option.

_____ b. Thirty-five (35) hours of discipline-specific professional development in concurrent enrollment workshops in chemistry; Advanced Placement trainings in chemistry; International Baccalaureate workshops in chemistry or other relevant workshops, trainings, conferences, or seminars. Repeatable up to three times for different types of training in chemistry.Fellowships or awards from school, district, state, regional, national or international organizations for recognition of high school or undergraduate teaching in biology.

_____ c. Peer-reviewed or published textbook, journal article or essay, or similar scholarly or creative work in the field of chemistry, or chemistry education.

_____ d. Relevant, recent experience requiring regular use of chemistry in the performance of professional responsibilities such as engineering, physics, or quality control, for a total of six months minimum. May include paid employment or volunteer work.

_____ e. Fellowships or awards from school, district, state, regional, national or international organizations for recognition of high school or undergraduate teaching in science education.

_____ f. National Board Certification in Science-Chemistry, at Adolescence/ Young Adulthood level.

_____ g. Additional 1 year of successful and effective teaching experience in a chemistry course at the undergraduate credit at an undergraduate institution. Repeatable up to three times for each different class or different institution.

_____ h. Additional 5 years of successful and effective teaching experience in a course leading to undergraduate credit through dual credit, Advanced Placement, International Baccalaureate, in chemistry. Each 5 years equals one option. May be used for up to three options.

_____ i. Field test or review curriculum for publisher or serve on textbook review and selection committee for postsecondary or secondary institution.

Please provide a short explanation (on a separate sheet of paper) of how you have achieved each of the options indicated above.

Completed by:

[HS Instructor] Date

Reviewed by:

[SMSU Director of Concurrent Enrollment] Date

Additional Comments:

Reveiwed by:

[SMSU Department Chair] Date

Additional Comments: