SMSU College Now Instructor Qualifications for Physics:

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 three methods[1]:

___ 1. A graduate degree in Physics

OR

___ 2. A graduate degree in any field and 18 graduate credit hours in Physics

OR

___ 3. A graduate degree in any field plus two Physics graduate level courses and four relevant options from this list (a-l), subject to review and approval by the Physics program:

_____ a. Graduate-level course(s) in Physics or related fields. These need not have been taken as part of a graduate degree program. This item can be counted more than once for each additional course.

_____ b. National Board Certification in Science, at Adolescent/ Young Adulthood level.

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

_____ d. Forty-five (45) hours of discipline-specific professional development in physics or physics education.

_____ e. Additional five (5) years of successful and effective teaching experience in a course leading to undergraduate credit in physics including dual credit, Advanced Placement, International Baccalaureate, teaching undergraduates on a college/university campus, or teaching another College Now science course.

_____ f. Active participation in a professional physics or physics education organization.

_____ g. Discipline-specific leadership role in a secondary or postsecondary institution, such as department chair, or in professional organization such as MnSTA or NABT.

_____ h. Relevant presentations at local, state, regional, or national workshops or conferences.

_____ i. Participation in a grant-funded project with the goal of improving education in physics.

_____ j. Published textbook, journal article or essay, or similar scholarly or creative work in the field of physics or physics education.

_____ k. Participation in nationally normed assessment activity related to physics such as Advanced Placement test grading, writing items for AP or IB tests, or serving as a National Board Certification assessor in science.

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

*** [1] Adapted from the University of Minnesota Physics Department*

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: