

CLAYTON STATE UNIVERSITY  
Professional Qualification Statement for Degree/Concentration/Certificate

Date:	11/04/09
College/School/Department:	College of Arts and Sciences, Department of Natural Sciences
Degree/Concentration/Certificate:	Degree: AS Integrative Studies – Pre-Engineering
Coordinator:	John G. Campbell, Associate Dean
Coordinator Responsibilities:	Work with faculty in proposing new courses and changes to the pre-Engineering curriculum. Coordinate proposed curriculum changes for submission to the Chair, Department of Natural Sciences.
Degrees:	PhD, Nuclear Engineering Sciences (Medical Health Physics) MS, Nuclear Engineering BS, Physics
Experience:	25 years of college and university teaching; service on curriculum committees; writing proposals for new courses; service as department chair, associate dean and interim dean responsible for coordinating curriculum change proposals and program proposals
Certifications:	
Courses taught at CSU:	Introductory Physics I and II, Introductory Physics Laboratory I and II, Principles of Physics I and II, Principles of Physics Laboratory I and II, Modern Physics, Energy, Solar System Astronomy, Stellar and Galactic Astronomy, Astronomy Laboratory

Narrative Statement of Qualifications (to be completed by chair or dean):

1. What evidence exists that the coordinator has the qualifications and credentials for leadership in the development and review of the curriculum?

The coordinator has a PhD in engineering sciences and an MS in engineering with 25 years of experience teaching, advising and creating courses at the college or university level. He has served on curriculum committees, and has been responsible for coordinating curriculum change proposals at a variety of administrative levels.

2. What evidence exists that the coordinator provides oversight for assessing the quality of the curriculum for the program and for ensuring that the curriculum and its delivery are educationally sound?

The curriculum for the Pre-Engineering program has been in place since semester conversion in 1998 the University System of Georgia when a common system-wide curriculum was established for this discipline. Some variation is permitted in one area of this associate degree program. Curriculum changes include changes to prerequisites in the mathematics and chemistry courses, replacement of discontinued computing courses, addition of an optional course in statics, and coordination with the College of Information and Mathematical Sciences to build dual degree programs. The great majority of the students in this program transfer to the Georgia Institute of Technology to complete a bachelor's degree in engineering. The coordinator reviews student evaluations of instructors for faculty teaching science and engineering courses in the program each semester and participates in exit interviews.