

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

Date:	11/09/09
College/School/Department:	College of Information and Mathematical Sciences
Degree/Concentration/Certificate:	Dual Degree: Computer Science/Math/Integrative Studies + Engineering with Georgia Institute of Technology (GIT)
Coordinator:	Catherine Matos, Assistant Professor of Mathematics
Coordinator Responsibilities:	Work with faculty in development of Dual Degree curriculum and proposing new courses. Coordination of advisement for Dual Degree students. Recruitment for the Dual Degree program.
Degrees:	PhD, Aerospace Engineering MS, Aerospace Engineering MS, Statistics (expected December 2009) BAE, Aerospace Engineering
Experience:	8 years of college and university teaching; service on committees, writing proposals for new courses; service as Introductory Statistics coordinator. 5 years of student advisement.
Certifications:	
Courses taught at CSU:	Mathematical Modeling, Intermediate Algebra, Survey of Calculus, Introductory Statistics, Computing with Spreadsheets, Calculus I and II, Differential Equations, Numerical Methods

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 with 8 years of experience teaching and advising students at the college or university level. She contributed to the development the B.S. in Mathematics degree at Clayton State and has been directly involved in course development related to that new degree program. She was directly involved in the development of the three Dual Degree programs of study. She has served on department, college and University-level curriculum committees.

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 Dual Degree program curriculum was implemented Fall 2009 at CSU. The coordinator maintains strong ties with GIT and with the dual degree program coordinator at GIT to ensure compatibility between the CSU and GT sides of the curriculum. She also coordinates with the College of Arts and Sciences, which houses the AS Integrative Studies Pre-Engineering program. The articulation agreement with GIT specifies the responsibilities of the program coordinator with respect to assessment, evaluation and improvement of the program. The agreement also specifies that on an annual basis, the program coordinators will collaboratively assess the program for the purpose of continual improvement.