Collin County Community College District Board of Trustees

January 26, 2024
                                                                    Resource: Dr. Jon H. Hardesty
                                                                    VP Academic Affairs

AGENDA ITEM: Consideration of Approval of the New Bachelor of Applied Technology Degree Program with a Major in Software Development

DISCUSSION: The 2023-2030 Collin College Master Plan identifies a priority to expand college programs and facilities to accommodate growth and employment needs throughout the service area, and the 2023-2030 Strategic Plan has identified a goal to expand baccalaureate degree options. Labor market analysis has indicated an increasing demand for software developers and software quality assurance analysts/testers. This new degree program has been researched and developed in accordance with the criteria required by the Texas Higher Education Coordinating Board and the Southern Association of Colleges and Schools Commission on Colleges. These criteria include job market analysis, employment projections, enrollment projections, integration of the general education core with career and technical skills, faculty recruitment planning, and industry advisory committee input. Collin College's Curriculum Advisory Board and Academic Leadership also reviewed the degree plan and recommend approval. The upper division coursework in this program will be offered both on-campus and online.

The proposed BAT degree in Software Development includes 42-semester credit hours of core curriculum courses, up to 45-semester credit hours of lower division technical coursework in computer science and programming courses, and 33-semester credit hours of upper division coursework in software development. The BAT degree with a major in Software Development is designed to build on Collin College's existing AAS degree in Software Development/Web Development and associated certificates. As required by Texas law, the BAT degree requires students to complete a total of 120 semester credit hours.

DISTRICT PRESIDENT'S RECOMMENDATION: The District President recommends approval of the new Bachelor of Applied Technology degree with a major in Software Development.

SUGGESTED MOTION: "Mr. Chairman, I make a motion that the Board of Trustees of Collin County Community College District approves the new Bachelor of Applied Technology degree with a major in Software Development."