



SOUTH CAROLINA TECHNICAL COLLEGE SYSTEM New Program Planning Summary Form

College Name Trident Technical College
Program Title Associate in Applied Science, **with a major in** Homeland Security Management
CIP Code 43.0301 **Credit Hours** 66
Academic Unit Law-Related Studies
Implementation
Date (Proposed) Fall 2013

Local Area Commission Approval Date (if applicable): July 31, 2012

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CAO Signature _____ Date _____

I. Proposal Narrative: Justification

- a) State the purpose(s) and objectives of the program. Provide details on the employment for which graduates will be prepared.**

Trident Technical College (TTC) proposes to offer an Associate in Applied Science, major in Homeland Security Management (HSM). The program is designed to develop the knowledge, skills and abilities needed for leadership in homeland security, a broad field that includes international and domestic terrorism, infrastructure protection, strategic planning for security, international relations, intelligence operations and evaluation and program management. These skills can be applied in a variety of career fields, including but not limited to police, fire, emergency medical, public health and emergency management.

The program will prepare candidates for employment in several positions such as transportation security officers, mission support specialists, border patrol agents, and program analysts.

- b) Explain how the program will support and/or complement the college's mission?**

TTC serves as a catalyst for personal, community and economic development by empowering individuals through education and training. The proposed HSM degree will support the college's mission by providing affordable education leading to employment in a growing field in TTC's service area. In addition, this program will enable those currently working in emergency, protective services and law enforcement careers an opportunity to earn a new credential that will enhance their job skills and foster continued professional development.

- c) Discuss general student interest in the program.**

Many students currently taking criminal justice courses have expressed interest in HSM course work. In fact, the Criminal Justice department created the Emergency Management and Protection certificate in 2009 as a way to provide students with some programming related to homeland security.

Additionally, interest for the proposed program will likely come from a recent partnership between TTC and the Transportation Security Agency (TSA). At present, less than nine percent of TSA employees have completed college-level course work. In an effort to provide additional training for employees, TSA began

working nationally with community colleges to develop courses in Homeland Security for their more than 2,700 transportation security officers. To that end, the Department of Homeland Security and TTC recently established a Transportation Security Agency (TSA) non-credit training program. The first cohort of 16 TSA graduates completed programming in spring 2012. TTC anticipates starting a new cohort in Fall 2013.

d) Discuss local, state, and national employment trends for program-specific occupations. Include full-time and part-time wage information at the state and regional/national level.

The average median salary for protective services jobs according to the U.S. Department of Labor (2011) is \$20.54 per hour or \$42,730 annually. The median income in South Carolina is \$15.61 per hour or \$32,480 annually. Salaries in the HSM field may vary due to company, location, industry, experience and benefits.

An article in the April 18, 2011 edition of *Community College Week* titled, "Community Colleges Embrace New Homeland Security Paradigm," noted that community colleges credential more than 80 percent of the nation's traditional first responders — police officers, firefighters and emergency medical technicians. The article also pointed out that in a desultory economy, homeland security stands out as a rare growth industry. The U.S. Department of Labor estimates that between 2004 and 2014, more than 700,000 jobs will be created in the areas of law enforcement, private security and emergency management.

The potential for employment in TTC's is indicated by several factors. First, an ad hoc advisory committee, which included eight representatives of county EMS, fire, law enforcement and emergency management services, met in January to discuss the program. All participants agreed that there would be job opportunities for graduates of the program. Second, Charleston has one of the busiest ports on the east coast, a relatively large and active international airport and a large military presence. Third, the region is threatened by the potential for natural disasters, in the form of both earthquakes and tropical weather systems. These factors suggest that TTC's service area is more likely than most to develop jobs related to homeland security.

e) Include a list of all related existing programs within the institution. Compare/contrast the proposed program to related programs.

The proposed program will be offered by the college's Law-Related Studies (LRS) division, which currently offers an Associate in Applied Science, with a major in Criminal Justice, as well as certificates in Law Enforcement, Corrections, Crime Scene Investigation, and Emergency Management and Protection.

The proposed HSM degree has some similarities with Criminal Justice, but the two fields have different emphases. Criminal justice is the study of police, corrections, and legal functions, each of which is a specialization within the study of criminal justice. Criminal justice courses can also incorporate psychological theory as well as biological/genetic theories of behavior. HSM primarily focuses on investigation, interception, and detection of external threats (e.g., customs, immigration, smuggling, foreign terrorist threats), as well as domestic crimes against persons and property. Additionally, homeland security emphasizes strategic, political, legal, policy and organizational challenges associated with homeland defense.

f) Compare/contrast the program to those with similar objectives at other SC technical colleges. Where possible, summarize enrollment, graduates, and placement rates for existing programs. This information can be found in the State Board's annual 2010 Program Evaluation Report.

The proposed program will be the first model of its kind for the SC Technical College System. Three colleges – Central Carolina, Midlands, and Greenville – offer associate degrees in Criminal Justice Technology. However, none offers coursework in homeland security. The HSM degree would prepare students in decision making, problem solving and planning, implementing and coordinating resources necessary for preparedness, mitigation, response and recovery from all hazards. Those benefiting from the degree in homeland security would include first responders, firefighters, military personnel, corrections and law enforcement professionals, as well as emergency managers, and health care professionals as well as corporate and government employees.

- g) **Discuss any existing articulation or collaborative agreements in related program areas with other SC technical colleges.**

N/A

- h) **Indicate whether this is a terminal degree program (occupational in intent). If there is potential for students to transfer into a baccalaureate program, provide narrative on the progress to date concerning articulation agreements with potential transfer institutions.**

The HSM program is intended to be a terminal degree. There are currently no baccalaureate degrees in Homeland Security in South Carolina. TTC has a 2+2 agreement with The Citadel leading to a BS in Criminal Justice, and The Citadel has expressed an interest in developing programs in Homeland Security, but no formal discussion about articulation has begun.

II. Proposal Narrative: Anticipated Program Demand and Productivity

- a) **Briefly summarize/analyze the needs survey results. For at least a three-year period, estimate the anticipated number of full-time and part-time openings. Discuss any specific employer interests and support for the program.**

TTC contacted 47 potential employers (federal, state, and local) in the local service area for the needs assessment survey. Based on the survey results, it is evident that there is a need for the proposed degree and a great demand for graduates from the program. According to the responses received there are more than adequate openings for graduates from the proposed program. A total of 35 part-time openings and 186 full-time openings were identified over the next three years.

	Year One	Year Two	Year Three
Part-time openings	15	15	10
Full-time openings	63	63	60

- b) **State the anticipated total number of enrollment for the first year of the program. Include the total number of transfer students from other internal programs and new students to the institution. Provide the estimated attrition rate. Also include the anticipated number of graduates from the program.**

Anticipated Total Enrollment: 30 Total # of Transfer: 10 Total # of New: 20

Estimated Attrition Rate: 50% Estimated Graduation Rate: 50%

- c) **Explain the rationale for determining the attrition rate. Include possible causes for attrition.**

The estimate above is based on current attrition rates experienced in the LRS (Law-Related Studies) programs at TTC. Current data indicate that the attrition is due to financial, personal, and employment conflicts rather than poor performance.

III. Proposal Narrative: Total Costs (General Estimates Only)

	1st Year	2nd Year	3rd Year
Salaries*	\$70,000	\$84,090	\$85,518
Supplies and Materials	\$300	\$300	\$300
Library Resources	\$500	\$500	\$500
Equipment	0	0	0
Facilities	0	0	0
Accreditation	0	0	0
Totals	\$70,800	\$84,890	\$86,318

*Salaries include one full-time faculty member in the first year and three adjunct faculty members in years two and three. The college anticipates that the program will be 100% self-supporting during the first three years.