

THE SCHOOL DISTRICT OF ESCAMBIA COUNTY Curriculum & Instruction/Human Resource Services/ Risk Management		SCHOOL BOARD AGENDA EXECUTIVE SUMMARY	
TITLE Establishment of Tate High School Health Science Academy		SUBMITTED BY: PAUL FETSKO ASSISTANT SUPERINTENDENT CURRICULUM AND INSTRUCTION	
PERIOD OF GRANT/CONTRACT/REQUEST Beginning with the 2010-11 school year	FUNDING SOURCE Staffing from VOC FTE	PROJECT COORDINATOR AND DEPARTMENT CARL LEITERMAN DIRECTOR, WORKFORCE EDUCATION AISHA ADKISON WORKFORCE SPECIALIST	
AMOUNT OF FUNDING REQUEST - \$ <u>NA</u> Is amount more, less or same as last year? (Explain differences at end of Purpose section if additional space is required) N/A - New Program, 2010-2011 Carl D. Perkins and Workforce Education Department budgets funding sources.		TOTAL PROJECT - \$ <u>NA</u> Is amount more, less or same as last year? N/A - New Program, 2010-2011 Carl D. Perkins and Workforce Education Department budgets funding sources.	
PURPOSE To establish a Health Science Academy at Tate High School.			
IMPLEMENTATION PLAN Recruit and enroll students interested in Health Science. Design and implement curriculum that provides rigorous and relevant instruction in academics and technical areas that leads to industry certifications and enables students to work in internships related to career pathway area. Provide in-service opportunities for staff to develop professional skills in order to deliver quality instruction. Establish partnerships with business community to develop an advisory board and internship opportunities.			
PARTICIPATING SCHOOLS/AGENCIES Tate High School and West Florida Regional Hospital.			
ACTION REQUIRED School Board approval			
STRATEGIC ALIGNMENT - Include number and definition of Goal and Objective. Pillar: Quality Goal Q.1: To increase rigor at all levels Measurable Objectives: Q.1.1. Strengthen existing academics through differentiated instruction and increased use of data as measured by a district developed teacher survey collected in the spring of each year. Goal Q.2: To improve attendance and discipline of students Measurable Objectives Q.2.1. Create a culture of instruction that will result in increased attendance and fewer discipline problems as measured by average daily attendance and a reduction in the percentage of referrals in schools.			
DIRECTOR 		DATE 1/14/10	
ASSISTANT SUPERINTENDENT 		DATE 1-14-10	DATE OF BOARD APPROVAL



Escambia County School District High School Career Academy Application

Directions: School administration shall be responsible for completion and submission of the application. Upon completion, the original shall be forwarded to the Director of Workforce Education. The application must address each of the following items:

Tate High School (THS) Health Science Academy students will take four-years of curriculum that support various health occupations. Students will be instructed by a licensed health care provider and certified teacher. Students will participate in clinical training and earn industry certifications. The Escambia County School District has an affiliation agreement with West Florida Regional Hospital which will provide clinical training slots for the THS students.

Establishing a Health Science Academy at THS allows for the collection of data related to student participants, program completers, and industry certifications obtained, and places the district in a posture to receive additional funding under CAPE (Career and Professional Education Act) legislation. Additionally, this academy will serve the needs of students located at the north-end of the county who do not have the transportation to travel to another Health Science Academy but who have an interest in pursuing a career in the health field.

1. Date

November 25, 2009

2. School

J.M. Tate High School

3. Principal

Rick Shackle

4. Name of proposed academy and school year for implementation

THS Health Science Academy 2010 – 2011

5. Academy's mission and goals

Mission: The mission of the THS Health Science Academy aligns with the Health Occupations Students of America (HOSA) mission which is to promote career opportunities in health care and to enhance the delivery of quality health care to all people.

Goals: The purpose of the Health Science Career Cluster is to prepare students for employment or advanced training in the health occupations industry. The programs in this cluster also provide students the opportunity to be cross-trained in a variety of entry level positions.

This cluster focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the health care industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues.

6. Number of potential students for academy from residential school, including student survey results

Currently, THS guidance counselors, and the Assistant Principal of Curriculum are sharing information about the proposed THS Health Science Academy with interested students and parents. Names of interested students are being recorded. For the 2010-11 school year, the first year course, Medical Skills and Services, will be offered; thirty students are needed to begin the program. Additional sections of Medical Skills and Services will be opened up as needed. Ideally, at least two sections of the first year course, Medical Skills and Services, will help set the stage for the second course, Health Science 1, ensuring solid student numbers as the program grows.

7. Number of potential local and/or regional job openings and the average entry wage for such positions (<http://www.labormarketinfo.com/library/ep.htm>) (myflorida.com)

Occupational Title	Regional Job Openings	Average Entry Wage	High Skill/High Wage
<i>Dental Hygienists</i>	474	\$21.45	HSHW
<i>Diagnostics Medical Sonographers</i>	155	\$20.90	HSHW
<i>Medical and Clinical Laboratory Technologist</i>	312	\$19.65	HSHW
<i>Medical and Health Service Managers</i>	349	\$29.07	HSHW
<i>Physical Therapist Assistants</i>	172	\$17.72	HSHW
<i>Radiologic Technologists and Technicians</i>	466	\$18.49	HSHW

<i>Registered Nurses</i>	<i>164</i>	<i>\$19.14</i>	<i>HSHW</i>
<i>Respiratory Therapists</i>	<i>10</i>	<i>\$18.44</i>	<i>HSHW</i>

Source: Florida Agency for Workforce Innovation, Labor Market Statistics

During their senior year, students in the THS Health Science Academy will participate in clinical training at a local hospital. Students in the Health Science Academy will receive a well-rounded educational experience by exploring the vast array of career options in the fast-growing health field.

In addition to the eight regional targeted, high-skill, high-wage health careers listed in the above table, thirteen additional health careers are listed on the 2009-2010 Regional Targeted Occupations List including Healthcare Support Workers, Medical Secretaries, Pharmacy Technicians, and Surgical Technologists. Health Science Academy students will be exposed to global medical terminology and medical protocol which will enable students to continue training in the medical field after high school.

8. Postsecondary certificates and/or degrees associated with academy completers (possible dual enrollment and/or articulation)

Some of the possible postsecondary degrees for the HSHW Health Science careers

Occupational Title	Program Title	Certification
<i>Dental Hygienists</i>	<i>Dental Hygiene</i>	AS-NP AAS AS
<i>Diagnostics Medical Sonographers</i>	<i>Diagnostic Medical Sonography</i>	AAS, AS
	<i>Magnetic Resonance Imaging</i>	Diploma
<i>Licensed Practical and Licensed Vocational Nurses</i>	<i>Practical Nursing</i>	PSAV, Diploma
<i>Physical Therapist Assistants</i>	<i>Physical Therapy Assistant</i>	AS-NP, AAS, AS
<i>Registered Nurses</i>	<i>Nursing</i>	AS-NP, AAS, AS

Source: Florida Agency for Workforce Innovation, Labor Market Statistics

Graduating Health Science Academy students can apply to attend the George Stone Technical Center's Patient Care Technician program. Upon completion of this post-secondary program, students can take the Florida Certified Nursing Assistant Examination (CNA); students who are ready can also take the CNA during their senior year. Furthermore, students who successfully complete the academy coursework will be able to use their Gold Seal Bright Futures scholarship to attend a post-secondary institution to further their medical training.

9. Industry certifications associated with career academy

Students can earn First Aid, CPR, Medical Terminology, and Hospital Orientation certifications. The CAPE desired certification is the CNA. Students are also eligible to apply for a Gold Seal/Bright Futures Scholarship.

10. Academy contact (lead instructor) name, department, and telephone number and extension

The school's administration is working to determine the instructor for the academy at this time. The instructor will have a medical license or medical certification required to obtain a teaching certificate.

11. List academy costs such as facilities, equipment, materials/supplies, and personnel
Development of the program will be supported by Perkins Grant dollars. An ideal classroom location has been determined. The room is large enough for hospital beds, a lab space, and classroom desks. School administration is researching the options for selecting the instructor; request for a teaching unit would only come if the unit was earned.

12. Funds that may be available for academy support (*including school, district, grants, and business funds*)

Carl D. Perkins Grant dollars will be used to support this academy. A HOSA (Health Occupations Students of America) internal account will be established for the Health Science program, and department funds are available.

13. Marketing plan for the academy (*including how academy will be marketed to students/parents and business/industry partners*)

Students must apply with the Office of School Choice. Interested students and parents can learn more about the Health Science Academy from informational brochures located at the school site and in the Office of School Choice. Information is also located on the Workforce Education website. The academy contact will recruit by visiting middle school Health Science classes. In house ninth and tenth graders will also be targeted for recruitment. Advisory Council meetings will be held three times a year; business and industry will be invited to visit the academy, and to share their expertise with students.

14. Academy Education Plan

a) Describe how the academy design will service all levels of students (*from students wishing direct entry into academy-related occupations to those students desiring postsecondary education related to academy theme*).

This career cluster focuses on broad, transferable skills from entry level health careers to health careers that will require additional post-secondary training such as a Certified Nursing Assistant which is an entry level career or a Registered Nurse which requires a college education. Students will participate in clinical training, and earn numerous industry certifications. Graduating Health Science Academy students can enter the workforce. Students can apply to attend the George Stone

Technical Center's Patient Care Technician program. Furthermore, students who successfully complete the academy coursework will be able to use their Gold Seal Bright Futures scholarship to attend a post-secondary institution to further their medical training.

b) List school-based career academy leadership team members (lead academy teacher, academic teacher(s), guidance counselor, administrator).

The lead academy teacher is to be determined; the instructor will be a licensed health care provider. The science instructors will play a pivotal role in the academy, and will have a representative on the THS Academy Leadership Team. The ninth grade guidance counselor will be on the team as well as the Assistant Principal of Curriculum.

c) Identify the academic courses to be used in cohort scheduling of career academy students. **English and Science** Describe strategies to be used to integrate the career and technical and academic career academy curriculum. **The academic and career and technical academy instructors will work together to design projects that support both science and specific technical skills. The academic teachers will be included in professional development related to Health Science, and the Health Science instructor will be included in professional development related to reading in the content area.**

d) Describe how the school will address recruitment of underrepresented student populations.

All career and technical programs are open to all students without regard to race, age, national origin, sex or handicapping condition. Access to career and technical education programs will be provided to underrepresented student populations through recruitment activities including the dissemination of information to students about the availability of career and technical programs. The district will use data concerning student populations (as self-disclosed by students on the application) enrolled in CTE programs to monitor the programs and to ensure that assurances prescribed for specific populations will be conducted by appropriate staff. To assist the district in serving students, the following program opportunities will be provided to all students including students from specific populations:

- **Targeted community outreach and recruitment**
- **School and program orientation sessions**
- **Comprehensive career assessment and counseling**
- **Ongoing support counseling including referrals for agency assistance when needed**
- **Peer support and advisory groups**
- **Advisors and mentors from the business community**
- **Job placement services**
- **Availability of accommodations/modifications and support services**
- **Work-based learning opportunities through paid and non-paid experiences**
- **Participation in Career and Technical Student Organizations**

- Hands-on learning experiences
- Small learning environments with individualized, self-paced instruction
- Instructional staff trained to provide appropriate activities for students

e) Describe the professional development plan to support the academy model.

Carl D. Perkins Grant funding will be used to support professional development for the Health Science instructor as well as travel to state and national workshops and conferences. The Health Science instructor will maintain his or her medical license. The Escambia County School District initiative of curriculum mapping will be a continuous level of professional development that will be maintained.

f) Identify the business advisory council that will oversee the career academy.

The Dual-County Health Science Academy Advisory Council is one of the strongest advisory councils established by the Escambia County School District, Santa Rosa County School District, the Pensacola Chamber of Commerce, and Team Santa Rosa.

Health Science Advisory Members:

**Nina Clark, Department Head for Education and Professional Services
West Florida Regional Hospital**

**Steve Morse, Director Education & Training Services
Sacred Heart Health System**

**William A. Suggs, III MPA, BBA, RT(R)
Health Systems Specialist Resource Mgt. Directorate, Naval Hospital Pensacola**

Barbara Hamilton, Clinical Educator for Baptist Hospital

**Marcia Williams, Provost
Warrington Campus, PJC**

Jennifer Ponson, Coordinator for Student & Program Outreach

Dr. George Stewart Director UWF School of Allied Health and Life Sciences

As the instructional leader of Tate High School, I endorse this application for establishing the academy described above.

Principal signature *Rick Shackel* Date 1/8/10

If the academy is approved, the principal shall be required to submit an annual progress report using the Career Academy Assessment.

Date of Academy Application Review: 1/14/10

(☒) Application approved as submitted

(☐) Application approved with required modifications
(see attached)

(☐) Application not approved

Review Committee Chair signature: Paul Fetscher