I certify that the information in this report is true.

Signed: _____ Date:
　　　　　　　Cindy Elsberry, Superintendent

Disposition of the Board:
　　_____ In compliance
　　_____ Not in compliance
　　_____ Compliance with exception

Signed: _____ Date:
　　　　　　　Joe Defeo, Board Chair

Comments: _____
_____
_____
_____

| Other Academic Majors-- Career and Occupational Majors | Supt | Supt | Board | Board |
|---|---|---|---|---|
| | In compliance | Not in compliance | In compliance | Not in compliance |
| Each student will achieve mastery of performance standards in Career and Occupational Majors. | ✓ | | | |

**Interpretation:** I interpret this policy to mean that Horry County Schools will implement courses of study that are aligned with the South Carolina Department of Education Career and Technology Standards. These majors fall within the sixteen career clusters as outlined by the State Department of Education (SDE). The district will conduct interest inventories to determine program/major needs for the changing job market and will submit innovative course plans for courses, which are not currently part of the SDE approved programs.

I further interpret this to mean that the staff will regularly monitor and evaluate the instructional programs at each school offering Career and Technology courses as part of the ongoing efforts to improve student learning and preparation for college and career readiness. Staff will also provide ongoing support by providing professional development opportunities, supplemental financing for needed equipment, facilitate development of curriculum and assessments, and implement new programs. The district will monitor Career and Technology programs performance on state proficiency standards. The district will monitor and support nationally recognized student organizations in order to afford students the opportunity to demonstrate skills learned through competitive and leadership activities on the local, state, and national level.

**Indicators of Evidence and Compliance:** We are in full compliance of this policy. Evidence is listed below:

1. Horry County Schools curriculum and course offerings are aligned with the SDE approved Career and Technology Education standards.

2. Horry County Schools Career and Technology programs met state performance standards within six of the eight state performance indicators for the 2012-13 school year*:*
   - Indicator 1S1 - Academic Attainment-Reading/Language Arts– Met Standard (HCS Performance 71.22%)
   - Indicator 1S2 - Academic Attainment-Mathematics– Met Standard (HCS Performance 68.29%)
   - Indicator 2S1 - Technical Skill Attainment -Met Standard (HCS Performance 92.68%)
   - Indicator 3S1 - Secondary School Completion– Met Standard (HCS Performance 99.72%)
   - Indicator 4S1 - Student Graduation Rates– Met Standard (HCS Performance 97.87%)
   - Indicator 5S1 - Secondary Placement– Met Standard (HCS Performance 99.34%)

3. The indicators not met were:
   - 6S1 - Nontraditional Participation (females and males enrolling in nontraditional careers). The State Performance Goal was 14.4% and HCS was 8.24%.
   - 6S2 - Nontraditional Completion – (Non-traditional concentrators that continued to completed the non-traditional program). The State Performance Goal was 76.0% and HCS was 61.54%.

   As part of the improvement plan, we conducted a summer program to introduce rising ninth grade students both male and female to nontraditional career opportunities. The program was held at ATA with 30 students from throughout the district being exposed to the nontraditional career programs.

4. We provide career and technology courses that are rigorous and challenging in order to equip students with necessary skills to be successful within the 21st Century job market.

5. The equipment needs for career and technology programs are reviewed annually by local and district advisory boards in order to insure our students are gaining exposure to equipment that is relevant to current industry utilization and needs. Allocations for schools are made through a formula incorporating total number of CATE students enrolled in courses at the school as well as the total number of program completers. This insures that each school receives an equitable share of funding for updating equipment as outlined by the state department. All purchase requests are approved through the local advisory committee as well as the SCDE CATE associates.

6. CATE Majors.

**Academy for the Arts, Science & Technology (AAST)**
  **Arts, AV and Communications**
   -Media Technology
  **Health Science**
   -Introduction to Pre-Medicine
  **Information Technology**
   -Web and Digital Communications
   -Computer Science-Programming and Software Development (NEW FY15)
  **Science, Technology, Engineering and Mathematics**
   -Pre-Engineering

**ACADEMY FOR TECHNOLOGY AND ACADEMICS**
  **Architecture and Construction**
   -Building Construction Technology
  **Arts, AV and Communications**
   -Digital Arts and Design
  **Business, Management and Administration**
   -Administrative Services
   -Business Law
  **Health Science**
   -Health Science Technology
  **Human Services**
   -Cosmetology
   -Nail Technology (NEW FY14)
   -Culinary Arts
  **Law, Public Safety, Corrections, and Security**
   -Emergency Management Fire Services
  **Science, Technology, Engineering and Mathematics**
   -Project Lead The Way (Engineering) with emphasis in aeronautics.
  **Transportation, Distribution and Logistics**
   -Automotive Technology

**HORRY COUNTY SCHOOL High School CATE Offerings**
  **Agriculture, Food and Natural Resources**
   -Horticulture (CFH, CH, GSFH, LH, SH)
   -Environmental & Natural Resources Management (AH)
  **Architecture and Construction**
   -Introductory Building Construction (SH)
   -Carpentry (SJH)
  **Arts, AV and Communications**
   -Architectural and Mechanical Design (MBH, SJH)
  **Business, Management and Administration**
   -Administrative Services (SJH, LH)
   -Business Information Management (AH, CFH, CH, GSFH, SH, SJH)
   -General Management (CFH, CH, MBH, NMBH)
   -Operations Management (CFH, LH, SJH)
   -Professional Sales (LH)
  **Education and Training**
   -Behavioral and Social Sciences Option 1 (AH, CH, MBH, SJH)

**Finance**
-Accounting (CH, MBH, NMBH)
-Business Finance (NMBH, SJH)
-Banking Services (NMBH) New
**Health Science**
-Sports Medicine (MBH, SJH, LH)
-Health Science (MBH, SJH, LHS, SH**)**
**Hospitality and Tourism**
-Hospitality Management and Operations (SH)
-Culinary (NMBH)
-Hospitality and Tourism (MBH) New
**Human Services**
-FCS-Behavioral and Social Science Option 1 (AH)
-FCS-Design Option 2 (CH, SJH)
**Information Technology**
-Information Support and Services (CH, SH)
-Networking Systems (SH, SJH)
-Programming and Software Development (SH)
-Option 1 Computer Programming (CFH, SJH)
-Web and Digital Communications (CH)
**Marketing, Sales and Service**
-Marketing Communications (CFH, CH, LH, ) New to CH
-Marketing Management (SJH, SH)
-Merchandising (SH)
**Science, Technology, Engineering and Mathematics**
-Project Lead The Way (Engineering) with emphasis in civil engineering. (CH)

7. CATE Vision for Horry County Schools is reviewed annually through CATE program advisory committees, students, school staff, and administration from school and district levels.

8. We are implementing the following new courses developed through the State Department of Education:
- Exploring Computer Science

9. We have implemented new innovative course programs and course content which were developed at the local level based upon current needs and are required to be reviewed by SCDE annually:
- Business Law 2
- Legal Systems Administration 1
- Legal Systems Administration 2
- Pre-engineering at AAST
- STEM Engineering Program at AAST
    o Design for Manufacturing
    o Architectural Design and Construction
    o Green Methods
    o 3D Solid Modeling
    o Introduction to Engineering STEM

10. The Academy for Technology and Academics (ATA) and The Academy for Arts, Science, and Technology (AAST) both received Excellent absolute rating and growth rating on the state report cards for career centers.

11. New CATE Initiatives:

- A new course we are working on for 2014-15 is Exploring Computer Science, which incorporates computer operations, coding, various programming components, and robotics.

- HCS has implemented the use of Workkeys testing of senior CATE completers at ATA and AAST for 2013-2014 with training provided through utilizing Work Ready 101 curriculum. We tested 282 seniors this year with a placement rate of 92.55% with a bronze, silver, gold, or platinum rating.

- Five of our high school IBA programs (ATA, AAST, GSFH, LH, SH) as part of a pilot program with the state department have become Microsoft IT centers for testing. Students who meet required proficiency standards with word and excel will be tested at the school sites for Nationally recognized credentialing. We plan to expand this testing to other Microsoft certification areas for 2014-15.

- HCS is working on the development of a Technical Scholars program with HGTC where senior students will be allowed to attend HGTC within technical skill training areas This will allow students interested in a technical field to begin advanced training in areas not currently offered by HCS. This program allows for the partnership to offer the program without duplication of services.

- MBH is reviewing school majors in an effort to expand and offer Hospitality as a major with emphasis on entrepreneurship.

12. Our CATE student Organizations had over 100 students to advance to national level of competition within their competitive events where they were able to utilize their classroom training with real world simulation.

13. Horry County Schools has developed articulation agreements with Horry Georgetown Technical College allowing students to earn college Technical Advanced Placement credit in thirty-one college level courses. TAP credits are offered to HCS Career and Technology students who successfully complete high school course work as outlined through the articulation agreements as they enter HGTC within that specific major. We are working on a major articulation within the PLTW curriculum with HGTC, which has been approved through the SC Technical College system.

- TAP Credit was awarded for 67 registrations for 66 students for 2012-13.
- A total of 201 credits were exempted.
  i. @$139/cr.Hr.= $27,939 in savings for HCS students.

## Curriculum Articulation Agreements between HGTC and HCS

| HGTC Course | HCS Course Title | HCS Agreement Sites |
|---|---|---|
| ACC 111 | Accounting 1 and 2 | Conway, Myrtle Beach, Socastee |
| AET 101 | Building Construction 2 | ATA |
| AHS 102 | Health Sciences 1 & 2 or Medical Terminology | AAST, ATA, and Myrtle Beach High |
| ARV 110 | Interactive Media | AAST |
| ARV 110 | Digital Art and Design | ATA and St. James |
| ARV 110 | Desktop Publishing | Aynor, Green Sea Floyds, Myrtle Beach |
| ARV 210 | Digital Art and Design | ATA |
| ARV 210 | Interactive Media | AAST |
| ARV 227 | Web and Digital Communications | AAST |
| BUS 101 | Virtual Enterprise | Carolina Forest , North Myrtle Beach, St. James |
| BUS 101 | IB Business and Management | Socastee |
| CET 120 | Building Construction 2 | ATA |
| COS130 | Cosmetology 1 and 2 | ATA |
| COS 222 | Cosmetology 2 | ATA |
| CPT 101 | Computer Applications | ATA, Socastee, Green Sea Floyds, St. James |
| CPT 168 | Programming I | Socastee |
| CPT 170 | IBA 1 | ATA, Carolina Forest, Myrtle Beach, Socastee, St. James |
| CPT 209 | Computer Service Technology | Conway and Socastee |
| CPT 270 | IBA 2 | ATA, Carolina Forest, Myrtle Beach, Socastee, St. James, Green Sea Floyds |
| EGT 101 | Pre-Engineering | ATA, Myrtle Beach, St. James |
| EGT 101 | Building Construction | ATA |
| EGT 151 | Pre-Engineering | ATA (PLTW), Conway (PLTW), Myrtle Beach and St. James |
| EGT 151 | Building Construction | ATA, St. James |
| EGT 252 | Pre-Engineering | Myrtle Beach and  St. James |
| EET 145 | Engineering | ATA (PLTW) and Conway (PLTW) |
| HOS 101 | Culinary Arts 1 and 2 | ATA |
| HOS 155 | Culinary Arts 1 and 2 | ATA |
| HRT 154 | Horticulture | Aynor, Carolina Forest, Green Sea Floyds, Loris, Socastee |
| IST 201 | Networking I (Discovery I) | Conway and Socastee |
| IST 202 | Networking II (Discovery II) | Conway and Socastee |
| IST 225 | Web Page Design & Dev. I | Aynor, AAST, ATA, Carolina Forest, Conway, Green Sea-Floyds, Socastee, St. James |
| MKT 101 | Marketing | Loris, Socastee, and St. James, |
| TUF 172 | Horticulture | Aynor, Carolina Forest, Green Sea Floyds, Loris, Socastee |