

# Gr. 7-12 Career and Technical Education Program Review 2013-2015

## Report and Recommendations

Bainbridge Island School District  
A report to the Board of Directors - May 2015

### Gr. 7-12 Career and Technical Education Program Review Committee Members 2013-2015

- ▶ Sean Eaton Middle School - Woodward
- ▶ Christine Fulgham Middle School - Woodward
- ▶ Tricia Corsetti High School - EHHS/Commodore
- ▶ Preston Michaels High School - BHS
- ▶ Juliette Brown High School - STEM Coordinator
- ▶ David Shockley High School Administrator - EHHS
- ▶ Tina Lemmon High School Administrator - BHS
- ▶ Cezanne Allen Community Member - BYS
- ▶ Carson Cole Community Member
- ▶ Tom McCloskey Community Member - Rotary
- ▶ Clint Pells Community Member
- ▶ Teri Smith Community Member
- ▶ John Cervinsky Interim CTE Director
- ▶ Marla Barrett CTE Consultant
- ▶ Faith Chapel District Administrator

## **AGENDA MAY 14, 2015**

- ▶ Background of 2013-15 Career and Technical Education (CTE) Program Review
- ▶ Purpose and Goals of the CTE Review
- ▶ Mission and Vision for CTE
- ▶ Committee Goals, Accomplishments and Recommendations

## **PURPOSE OF THE REVIEW**

The purpose of the Career and Technical Education (CTE) Program Review:

- ▶ Analyze current programs and courses.
- ▶ Utilize information from model programs and best practices.
- ▶ Create a well-articulated, high-quality, innovative and financially sustainable CTE program to meet the needs of Bainbridge Island students.

## **CTE COMMITTEE GOALS**

- ▶ Develop mission and vision statements for the CTE Program for the Bainbridge Island School District.
- ▶ Identify key areas for program improvement with the goal of developing recommendations related to the following 3 areas:
  1. Individual Learning Opportunities
  2. Programs of Study and Course Offerings
  3. Career Guidance and Exploration

## **BAINBRIDGE SCHOOL DISTRICT CTE MISSION AND VISION**

## Mission and Vision for CTE in the Bainbridge Island School District

The Bainbridge Island School District believes that career and technical education (CTE) should be viewed as an integral component of a comprehensive, rigorous, academic educational program. In order to prepare students with the relevant knowledge and skills for learning, career, and life in the 21<sup>st</sup> century, all students need to have opportunities to:

- ▶ Understand how rigorous academic studies are applied in real-life settings.
- ▶ Demonstrate skills that will prepare them for employment in the global workplace.
- ▶ Explore subjects that are aligned with personal interests and aspirations.
- ▶ Engage in career exploration and career planning.
- ▶ Participate in activities that will help them successfully navigate the transition from high school to college or other post-secondary endeavors.

## INDIVIDUAL LEARNING OPPORTUNITIES

## **CTE COMMITTEE ACCOMPLISHMENTS**

### **Individual Learning Opportunities**

- ▶ Identified CTE individual student learning opportunities for consideration.
- ▶ Used current independent study/contract study model as a springboard for exploration of other types of individual learning opportunities.
- ▶ Gathered information from other schools about internships and mentorships.
- ▶ Piloted a “Career Fair” at Eagle Harbor High School - fall 2014.
- ▶ Developed a template for semester internships - pilot 2015.
- ▶ Partnered with Rotary Club of Bainbridge Island for semester internship program with Fairbank Construction - spring 2015.

## **CTE COMMITTEE ACCOMPLISHMENTS**

### **Individual Learning Opportunities**

- ▶ Worked in partnership with Bainbridge Youth Services (BYS) to communicate summer business internship opportunities for high school students (both paid and unpaid) - spring 2015.
- ▶ Piloted STEM job shadowing opportunities and developed STEM guest speaker program “Future Footprints” at BHS - spring 2015.
- ▶ Are working with community partners to expand worksite learning opportunities for students. Partners include: Rotary, Chamber of Commerce, non-profit organizations, City of Bainbridge Island, etc.

## **RECOMMENDATIONS**

### **Individual Learning Opportunities**

1. Increase staffing for managing individual learning opportunities for students.
2. Expand worksite learning opportunities including job shadows and internships for students and worksite learning experiences for teachers.
3. Develop district documents that outline worksite expectations for employers, students and district.
4. Continue to expand business and community partnerships to provide additional opportunities for students.
5. Consider development of a student mentorship program.
6. Continue to provide independent study opportunities for students to learn about subjects that are of personal interest.

## **PROGRAMS OF STUDY AND COURSE OFFERINGS**

## CTE Courses Pre-2014

- ▶ Visual Arts
  - ❖ Photography
  - ❖ Digital Photography
  - ❖ Yearbook
- ▶ Family and Consumer Science
  - ❖ Foods
  - ❖ Exploring Childhood 1 and 2
  - ❖ Fashion Design & Production
  - ❖ Independent Living
- ▶ Business & Computer Engineering
  - ❖ Accounting 1
  - ❖ Digital Tools
  - ❖ Digital Design 1-4
  - ❖ Economics
  - ❖ Law and Order
  - ❖ Newspaper
  - ❖ Personal Finance
- ▶ Human Services and Skills
  - ❖ Sports Medicine
- ▶ Science
  - ❖ Forensic Science

## CTE Courses Pre-2014 (continued)

- ▶ Skilled and Technical Science
  - ❖ Architectural Drafting
  - ❖ Engineering Drafting/Design
  - ❖ Technical Graphics
  - ❖ Wood Technologies
  - ❖ Advanced Woods and Composites
- ▶ Middle School
  - ❖ Gr. 7 Family and Consumer Science
  - ❖ Gr. 8 Family and Consumer Science
  - ❖ Technology 1
  - ❖ Technology 2

## **CTE COMMITTEE ACCOMPLISHMENTS**

### **Programs of Study/Course Offerings**

- ▶ Gathered information about exemplary CTE programs and conducted site visits.
- ▶ Revised and adopted policy regarding course equivalencies and dual and cross-crediting options.
- ▶ Identified 5 Programs of Study for the Bainbridge Island School District.
- ▶ Identified new courses for future consideration.
- ▶ Implemented new CTE courses and had other courses approved as CTE (22 new CTE courses).
- ▶ Significantly increased CTE student enrollment in one year (increased revenue for the CTE program).
- ▶ Three CTE teachers are working toward worksite learning endorsement.

### **Programs of Study for BISD**

The CTE Committee has identified 5 “Programs of Study” for district focus and future course development:

- ▶ Arts and Communication
- ▶ Business and Marketing
- ▶ Engineering & Technology & Manufacturing
- ▶ Health and Human Services
- ▶ Science and Natural Resources



## NEW CTE COURSES 2014-2016

### HIGH SCHOOL:

- AP Economics
- Exploring Computer Science
- AP Principles of Computer Science
- AP Computer Science
- AP Environmental Science
- Composite Engineering
- Advanced Composite Engineering
- Robotics
- Ceramics I, II, and III
- Advanced Studio
- Advanced Foods
- Health
- Advanced Sports Medicine
- Sports Medicine Practicum
- Work Based Learning

## NEW CTE COURSES 2014-2016

### Middle School:

- STEM Computer Technology
- STEM Pre-Engineering
- STEM Video Production
- STEM Consumer Science 7
- STEM Food, Family & Culture 8

## **RECOMMENDATIONS**

### **Programs of Study and Course Offerings**

1. Develop a systematic procedure for updating CTE courses.
2. If funding becomes available, develop a schedule with 7 or 8 periods to expand elective opportunities for students in Gr. 7-12.
3. Promote, support and coordinate more staff becoming CTE certified (i.e. assist with professional development).
4. Continue to reorganize pathways/programs of study for a vertical alignment Gr. 7-12.
5. Increase student awareness of how academic content aligns with careers - especially career opportunities in high demand fields.
6. Develop interest inventories or surveys to gauge student interest in development of future course offerings.
7. Expand articulation agreements with community colleges to increase dual high school/college credit opportunities for students.

## **CAREER GUIDANCE AND EXPLORATION**

## Career Guidance & Exploration Subcommittee Members (Gr. 7-12) 2014-2015

- |                          |   |
|--------------------------|---|
| ▶ <b>Patty Beer</b>      | <b>Counselor - Woodward Middle School</b> |
| ▶ <b>Sue Constan</b>     | <b>Counselor - Commodore</b>              |
| ▶ <b>Jamie Walter</b>    | <b>Counselor - Bainbridge High School</b> |
| ▶ <b>John Cervinsky</b>  | <b>Interim CTE Director</b>               |
| ▶ <b>Mike Florian</b>    | <b>Administrator - Woodward MS</b>        |
| ▶ <b>David Shockley</b>  | <b>Administrator - Commodore</b>          |
| ▶ <b>Tina Lemmon</b>     | <b>Administrator - Bainbridge HS</b>      |
| ▶ <b>Marla Barrett</b>   | <b>CTE Consultant</b>                     |
| ▶ <b>Julie Goldsmith</b> | <b>Administrator - District</b>           |
| ▶ <b>Faith Chapel</b>    | <b>Administrator - District</b>           |

## CTE COMMITTEE ACCOMPLISHMENTS Career Guidance and Exploration

- ▶ Formed a Career Guidance and Counseling Subcommittee (Gr. 7-12) to study exemplary programs and conduct site visits.
- ▶ Sent counselors and administrative representatives to Washington State Career Guidance training session - fall 2014.
- ▶ Reviewed new high school graduation requirements and need for revision of BISD's "High School and Beyond" plans.
- ▶ Researched best practices of "college and career centers" and conducted visitations to 4 schools in 3 different districts.
- ▶ Developed recommendations for counselor training - summer 2015.

## **RECOMMENDATIONS**

### **Career Guidance and Exploration**

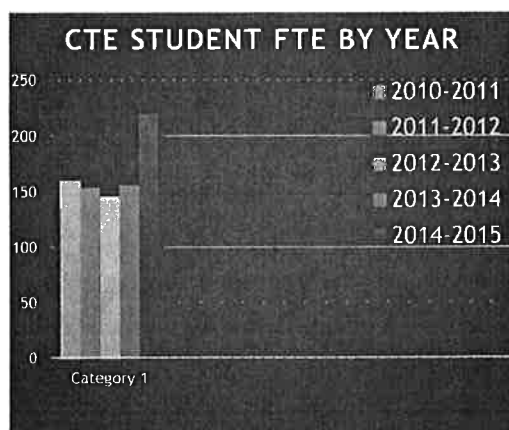
1. Continue work of Career Guidance and Exploration Subcommittee in 2015-16, with new CTE Director.
2. Increase Career Guidance and Exploration Program support to full-time classified staff position.
3. Provide physical space dedicated to a “College and Career Center” and increase student access to career and college information and exploration.
4. Develop interest inventories or surveys to gauge student interest in future course offerings.
5. Develop or adopt an electronic student portfolio that can be used by all students.


## **CTE COMMITTEE GENERAL RECOMMENDATIONS**

## CTE COMMITTEE GENERAL RECOMMENDATIONS

1. Increase membership of the state-mandated district CTE General Advisory Committee and increase number of meetings to 4-5 meetings per year.
2. Include youth and employer input in the development of the CTE program.
3. Consider expansion of secondary instructional day to a 7 or a 8 period model, if funding becomes available.
4. Develop systematic process for continuous realignment of CTE courses/programs with changes in business and workforce needs.
5. Recruit and hire full-time administrative CTE Director. Change is needed due to growth in CTE enrollment, staffing and budget.
6. Provide additional staffing for career guidance and awareness (at least 1.0 FTE classified position).
7. Increase staffing for managing worksite learning opportunities for students.
8. Revise Board policy/procedure for Bainbridge School District Career and Technical Education.

## BAINBRIDGE CTE FUTURE IS BRIGHT! WHAT'S NEXT?





**Career & Technical  
Education:  
A Choice for All Students**

**REVISED DRAFT**  
**2015-16 Funding Priorities for Bainbridge Schools Foundation**

NOTE: BSF has not yet confirmed its fundraising goal for next year. This is an updated list of proposed priorities.

<b>CRITICAL GAPS</b>	Staffing FTE	Fundraising Need	Pledged/Received
Critical gaps in staffing	2.0	\$150,000.00	
Professional development - certificated staff & classified staff		\$80,000.00	
<b>SUBTOTAL</b>	<b>2.0</b>	<b>\$230,000.00</b>	
<b>ACADEMIC SUPPORT &amp; CHALLENGE</b>			
Reading & math support K-8	1.6	\$135,000.00	
High school academic intervention	0.4		\$34,000
Achieve program/homework clubs Gr. 7-12	1.0	\$95,000.00	
College readiness/career guidance & PSAT (0.5 FTE classified)	0.5	\$35,000.00	
<b>SUBTOTAL</b>	<b>3.50</b>	<b>\$265,000.00</b>	<b>\$34,000</b>
<b>INNOVATION</b>			
K-5 Design & Engineering Program	1.80	\$250,000.00	
Edible education (farm to school, school gardens, sustainability initiatives)		\$10,000.00	\$10,000
Robotics/Destination Imagination		\$15,000.00	\$5,000
STEAM projects (coding, Redbird, summer camp, ST math)		\$10,000.00	
High school arts & lecture series		\$10,000.00	
Circle of Friends program			\$9,000
Strategic innovation ideas/grants		\$60,000.00	
<b>SUBTOTAL</b>	<b>1.80</b>	<b>\$355,000.00</b>	<b>\$24,000</b>
<b>TOTAL</b>	<b>7.30</b>	<b>\$850,000.00</b>	<b>\$58,000</b>

5/14/2015

Date: May 14, 2015  
To: Faith Chapel Superintendent  
From: Lynn Stellick, Human Resources Director  
Subj: Personnel Actions

Personnel actions recommended for Board approval at the May 14, 2015 School Board meeting are as follows:

**Hiring Recommendations:** (Subject to acceptable outcome of a criminal history records check and sexual misconduct clearance)

**Changes in Assignment:**

Crandell, Ashley	From .40 FTE Continuing/.40 FTE Leave Replacement English Teacher to 1.0 FTE Continuing English Teacher at Bainbridge High School effective 9/1/2015
Lewis, Catherine	From 1.0 FTE Leave Replacement 5 <sup>th</sup> Grade Teacher to 1.0 FTE Continuing 5 <sup>th</sup> Grade Teacher at Sakai Intermediate School effective 9/1/2015
Palmer, Paige	From 1.0 FTE Leave Replacement 5 <sup>th</sup> Grade Teacher to 1.0 FTE Continuing 5 <sup>th</sup> Grade Teacher at Sakai Intermediate School effective 9/1/2015
Rice, Joseph	From .20 FTE Continuing Leadership/.40 FTE Leave Replacement Social Studies/.20 FTE Leave Replacement Achieve Teacher to 1.0 FTE Leave Replacement Social Studies Teacher at Bainbridge High School effective 9/1/2015

**Resignations:**

Gronwall, Gail	1.0 FTE Title/LAP Teacher at Woodward Middle School/Sakai Intermediate School effective 6/30/2015
----------------	---

**Retirements:**

**Leaves of Absence:**