



Governor's Best Practices Awards for Workforce and Economic Development – 2011

This award recognizes practices that have demonstrated achievement and results in both the workforce development and economic development fields. Nominated projects should represent the intersection of both of these disciplines by elevating the skills and earning potential of participants while improving the bottom line for employers.

Nomination forms and any accompanying materials must be submitted no later than 10 a.m. August 22. Nomination materials can be sent to: tsweeney@wtb.wa.gov. Nominations that do not include this attached completed form will not be considered.

Nominations will be reviewed by a team of private and public sector workforce and economic development professionals. Additional information might be requested after review. The goal is to announce winners by early October.

Things to keep in mind when completing the form.

Identify what is different about this program/project – The objective of this award is to identify the practice that is creating success. Applications should identify the unique practice or practices contributing to success.

Combined Workforce and Economic Development Benefits – Nominations need to demonstrate how the project or program is contributing to the prosperity of both employers and workers. If a project creates jobs, it also must have a process for ensuring that local workers are getting the jobs. If a program provides new training for workers, it also must be benefitting employers by providing in-demand employees.

Demonstrate Results – A successful nomination will provide data that demonstrates how the program or project has provided both workforce and economic development benefits. Anecdotes are not sufficient. Contact Tim Sweeney (360-586-8678) if you have any questions on how to present the data.

Additional materials: Additional materials, such as brochures, news articles, can be included if they help explain the program or project. Avoid overloading your nominating packet since judges will have a lot of material to review.



Governor’s Best Practices in Workforce & Economic Development Award Nomination Application

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Nominated Project Title: Aerospace Composite Technician Certificate

Project Lead Name: Andy Bird **Phone number** 253-589-6090 **E-mail** andy.bird@cptc.edu

Summary of nominated project (No more than two sentences.):

Underscoring the significance of public/private partnerships in workforce and economic development, the Aerospace Composite Technician program at Clover Park Technical College, developed in collaboration with Boeing, has resulted in new, high-paying jobs and a growing national reputation.

Region and/or communities benefitting from project: South Puget Sound Region

When (month and year) did nominated project launch:

The first cohort of students entered the program in September 2009.

Has the project/activity operated continuously since then: Yes

If not, explain:NA

Start-up costs \$150,000 **Most recent annual budget:** \$105,000

List your major funding sources, including tax credits or incentives, grants, and other private sector support:

The Aerospace Composite Technician program enjoys a diversified funding stream, including both cash and in-kind support. Boeing provided technical assistance and training, use of its industry knowledge in curriculum development and donations of equipment in order to launch the program. Boeing also donates over \$5,000 per year in the form of scholarship support and sponsorships. The program itself is supported by student tuition dollars and state funding, as well as a \$150,000 grant from the State Board for Community and Technicla Colleges that was used to purchase equipment and supplies.

Describe the purpose (need) and the unique approach taken by the nominated project to satisfy the stated need (450 words or less)

In a recent op-ed published in the Tacoma News Tribune, Washington State Representative Bruce Dammeier stated, “(Clover Park Technical College) and other academic institutions in Pierce County offer career pathways in manufacturing technologies, machinist apprenticeships, science and other aviation-related fields. Could we take advantage of existing local programs to support the Boeing Frederickson site?” As Rep. Dammeier goes on to say, the question is not whether Boeing will be successful, but where will it be successful.

The need, therefore, is to ensure that economic drivers like Boeing have the workforce development infrastructure available within the state to provide a steady stream of talent. Two years ago, facing this precise

dilemma, an administrator at Boeing's Composite Manufacturing Center in Frederickson identified a looming shortage of workers needed to meet anticipated manufacturing demand as the current group of skilled employees began to approach retirement. Boeing's response was to share knowledge and expertise with nearby Clover Park Technical College for the development of a new training program. The result was a short-term certificate program that prepares students for either entry into Boeing or other companies that work with composites.

Because the Boeing 787 Dreamliner project is itself a unique economic approach that demands efficiency, short turn-around times and strict attention to detail, the workforce solution had to follow suit. The resulting training, therefore, can be completed in only two quarters, is suitable for either current aircraft professionals or novices from other fields, and is offered in evening hours just a few miles from Boeing's Composite Manufacturing Center.

A KING 5 produced segment on the partnership highlighted the stories of the first group of students, which included an army veteran, an administrative assistant, a steelworker and a laid-off Boeing contractor. The flexibility and inclusiveness of the class, along with the potential career benefits, quickly turned it into one of Clover Park Technical College's most popular programs, one that currently has a wait list extending to 2014.

Describe how the nominated project incorporates both workforce and economic development practices and provides a benefit to workers and employers. (See cover page) (250 words or less)

The Aerospace Composites partnership between Boeing and Clover Park addresses each organization's mission, all to the greater economic benefit of the region. Clover Park Technical College builds upon its nationally recognized commitment to serving the community through relevant, low-cost education and training.

According to college president John Walstrum, "The role of the two-year college in promoting regional economic health through workforce training has never been as critical as it is today. I am proud of the college's partnership with Boeing. This is the public-private blueprint that leads to brighter days ahead."

Boeing, meanwhile, takes advantage of a locally-trained workforce. In a video promoting the partnership on Boeing's website, Steve Brewer states, "Composites are very important to the Boeing Company, as well as to the entire aviation industry, and we want to grow our pool of talent so that we can draw off that." Confirming that statement, Boeing has since hired over half of all program graduates, and others have gone on to work for the many smaller companies now being supported by the 787 project.

In both cases, Pierce County and its residents win. Short-term training means that out-of-work adults can return more quickly and affordably to the workforce. A curriculum that comes directly from the skills and knowledge of current Boeing workers means that a pathway to employment is more likely. A locally trained workforce means that Boeing's success happens here at home.

Will the nominated project continue into the future? Yes

If yes, how will it be funded and sustained. (200 words) Through student tuition.

In an attachment, demonstrate how this project/activity has made a quantifiable difference to the economic health of working people and employers. (Tables and graphs based on verifiable numbers. Words should be used only to support the data and should be kept to a minimum) Check when done. ☒

A short concluding statement on why you believe this project/activity is noteworthy or unique and should serve as a best practice model. (100 words or less) The partnership with Boeing demonstrates the value of effective working partnerships between industry and higher education. During the course of the current economic downturn, faculty and staff at Clover Park dedicated the time and effort needed to simply talk with and listen to our employer partners. Individuals from Boeing and Clover Park met on an ongoing basis to discuss curriculum, equipment, and focus for the

program. The resulting aerospace composites program serves as a model for how industry and higher education can build future partnerships that benefit industry and strengthen the region's workforce.

The following URLs provide further information about the program:

http://www.cptc.edu/index.php/programs/degrees_certificates/aerospace_composite_technician/

<http://www.cptc.edu/index.php/programs/aerospace>

<http://www.king5.com/home/New-composites-class-could-lead-to-job-at-Boeing---83684362.html>

<http://cptcinthespotlight.blogspot.com/2011/08/aerospace-composite-technician-photos.html>

Program or Project's website or webpage: <http://www.cptc.edu>

List the leading individual(s) or organization(s) that should receive special recognition for their role in the project or activity. Please provide name, title, role, address and phone number.

Harris Sullivan, Boeing's Composite Manufacturing Center

Steve Brewer, Boeing's Composite Manufacturing Center

Andy Bird, Dean, Clover Park Technical College

Joyce Loveday, Associate Vice President, Clover Park Technical College

Name and contact information of person completing this nomination form:

Brandon Rogers

Clover Park Technical College

4500 Steilacoom Blvd SW

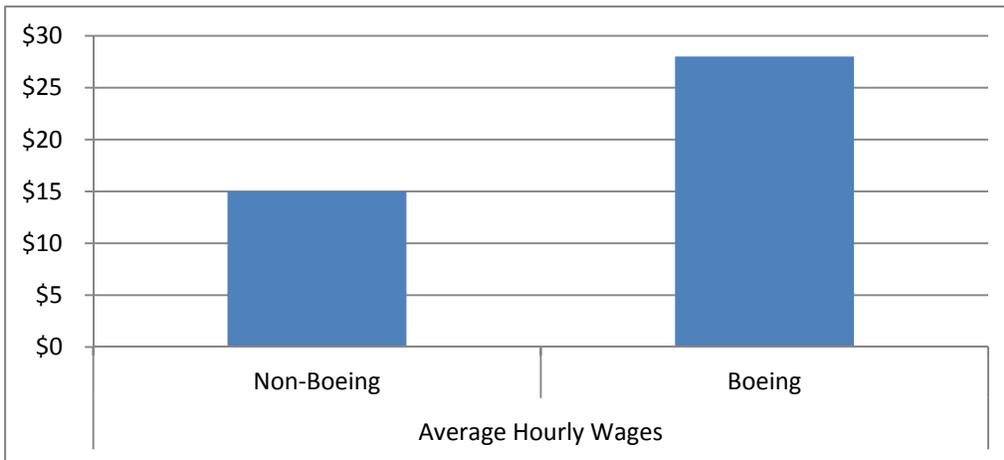
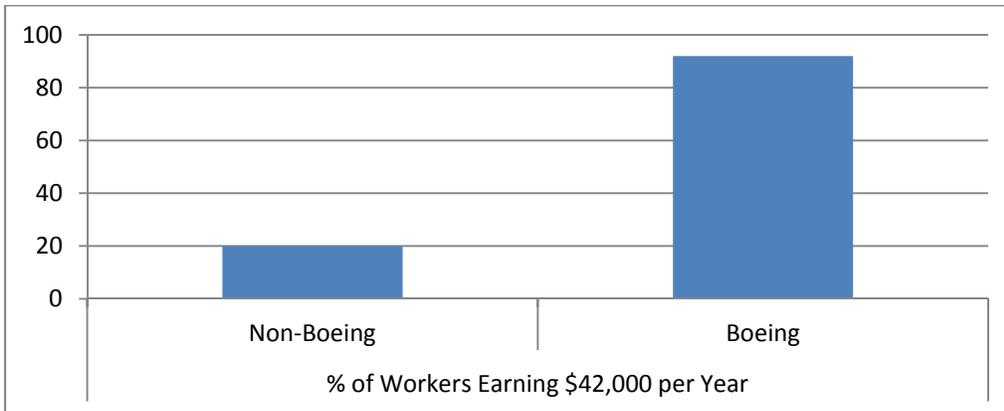
Lakewood, WA 98499

253-589-5501

**Economic Results of Clover Park Technical College/Boeing Composites Manufacturing Center
Enrollment since Program Inception**

Cohort	Enrolled	Completed	Completion Rate
2009-10 Fall	12	11	92%
2009-10 Summer	22	21	95%
2010-11 Winter	29	29	100%
2010-11 Summer	22	21	95%
Total for All Cohorts	85	82	96%

Hiring and Wages



To date, Boeing has hired over 70% of all program graduates.