On May 2, 2014, the Bioscience Technology SAC presented their Program Review findings to an audience of PCC administrators and others with an interest in the discipline. Both the written report and the presentation were informative and thought provoking. The presentation provided an opportunity for engagement with those in attendance through an informative and interactive dialogue.

This Administrative Response will: A) note particular highlights of the Bioscience Technology Program and Program Review; and B) provide the administrative response to the SAC recommendations.

**Noteworthy Efforts or Achievements**

- An extremely active and engaged Advisory Committee that serves as a model for other Career and Technical Education advisory committees. During the last program review a recommendation was made to “Consider how this group might be more actively and creatively engaged in helping with issues that affect the program.” This has been achieved. Great job.
- Development of close ties with the Oregon Bioscience Industry Organization.
- Strong and active connection with Bio-Link.
- Partnership with companies that led to the formation of a Bioscience Consortium. This group worked together on curriculum development to revitalize the former Biotechnology program.
- Curriculum changes that led to an improvement in learning outcomes, especially in the challenging areas of multi-tasking and teamwork.
- Modularization of the program as a result of input from both industry and students.
- Added a distance learning course as a recruitment tool.
- Addressed a previous program review recommendation by instituting realistic caps on classes.
- Purchased equipment per a recommendation in the 2004 program review. Also purchased additional new equipment and was able to create a second “clean room” for the program.
- Hired a part-time instructional support technician to assist with the program in response to a recommendation in the previous program review to hire a second faculty member. Hiring the instructor support technician has proved to be extremely valuable for the program.
- Aligned course outcomes with the College Core Outcomes.
- Changed and updated the outcomes for your certificates and degrees. The outcomes are assessed and changes made to the curriculum as needed.
- Adoption and use of innovative online tools to support student learning.
- Implemented changes in the program that resulted in a larger number of students pursuing the AAS degree.
Placement of textbooks on Course Reserve at the Library.
Extensive use of the assessment/feedback/program improvement planning and implementation as evidenced in the changes to courses and assignments.

Administrative Response to Bioscience Technology Recommendations

Recommendations:

1. **The BIT SAC is committed to using assessment of learning outcomes in a variety of forms as a driver for program change and progress.**

   We support your recommendations and look forward to learning more about the outcomes and assessment.

2. **Maintaining Current Curriculum.**

   We support your recommendations to assess the curricula of BIT 203 and 223 and to re-evaluate the BIT 207 curriculum. We are aware of the challenges of space and the size of the equipment. We look forward to hearing more about the plan to rotate equipment in the classroom. Regarding the need to continue to develop and maintain written teaching materials to promote consistency, we understand the need to increase the instructional support technician’s weekly hours. Given the current and near term budget environment, adding additional hours to staff is difficult. Please continue to dialog with your division dean and dean of instruction about potential incremental changes to the hours.

3. **Professional Development.**

   We concur that professional development is essential for faculty and staff in a Career and Technical Education program. We support the request to ensure both full-time and part-time faculty have an opportunity to network with others in the industry. Please consider applying for curriculum development funds to develop in-house lab manuals. You should also consider exploring grant opportunities by contacting the PCC Grants Office and discussing the needs of the BIT program.

4. **Student Access and Success.**

   We support your recommendation to create a post-baccalaureate certificate option in Bioscience Technology. We support the development of an articulation agreement with PSU. We support your strategies for increasing enrollment, creating a visual academic roadmap, creating marketing materials, and increasing awareness of the program both at campus events and in the community.
5. **Responsiveness to Community Needs.**

   We concur and support your strategies to continue to build strong ties with the bio-industry. We support your plan to schedule an annual BIT open house event.

6. **Resources.**

   We recognize the need to hire a Learning Skills Specialist for the Bioscience Technology program. Given the current and near term budget environment, adding additional staff is difficult. Please continue to dialog with your division dean and dean of instruction about potential new staff at the college. We also recognize the need to increase the hours of the instructional support technician. Please continue to dialog with your division dean and dean of instruction about potential incremental changes to the hours of the instructional support technician.

**Closing**

In closing, we want to again thank the Bioscience Technology SAC for sharing the results of your program review with us. We enjoyed learning more about the discipline of Bioscience Technology, meeting members of your advisory council and meeting both current and previous students. We look forward to supporting your on-going work on continuous program improvement.

Administrative Response submitted by Cheryl L. Scott, on behalf of the Deans of Instruction and Dean of Academic Affairs.

Marilyn Davis, Southeast Center  
Cheryl Scott, Rock Creek Campus  
Kurt Simonds, Cascade Campus  
Jeff Triplet, Sylvania Campus  
Kendra Cawley, District