

April 19, 2007

06-070

AUTHORITY TO APPLY TO THE STATE BOARD OF
EDUCATION FOR APPROVAL OF THE FOLLOWING
CERTIFICATES OF COMPLETION: COMPUTER
INFORMATION SYSTEMS: WINDOWS NETWORK
SECURITY, LINUX/UNIX NETWORK SECURITY,
NETWORK ADMINISTRATION, MICROSOFT SERVER
ADMINISTRATION, LINUX SERVER ADMINISTRATION,
WEB APPLICATION DEVELOPMENT, ORACLE AND SQL,
JAVA APPLICATION, DATABASE DESIGN AND SQL,
VB.NET APPLICATION PROGRAMMING

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REPORT: The certificates of completion will enable students to
establish and realize short-term training goals for specific job
entry points in the area of computer information systems.

The certificates will serve as career pathways to the existing
AAS degrees in Computer Information Systems, Network
Administration, and the one-year certificates:

- AAS Computer Information Systems
- AAS Network Administration
- AAS Web Development and Design (in process)
- Certificate: Computer Information Systems
- Certificate: E-Commerce

All courses within the proposed certificates are part of the
current CIS program.

Additionally, students who need to upgrade their current
skills will receive a state-approved certificate in a specific
area which supports the requirement of some employers that
employees document their specific area of emphasis. The

certificates will benefit students who may have to postpone their education due to the need to remain employed while attending college. The certificates are intended to support workplace skills while moving the student toward earning a degree.

Portland Community College also has a grant from the Oregon Department of Community Colleges and Workforce Development to examine existing programs in terms of how larger certificates and degrees can be sorted by skill set, creating a seamless career pathway for the student.

The certificates were designed with the input of the SAC and the external advisory board.

RECOMMENDATION:

That the college be authorized to apply to the Oregon Department of Education for the approval for ten certificates of completion as part of the Computer Information Systems program.