BOARD REPORT

3 Year Contract for Charles Braun
Professor of Computer Science
Full-time Faculty at Collin since 1999

Education

Institution	Degree	Major
University of Texas at Dallas	Post - Grad. 15 cr hr	Computer Science
University of New Mexico	MS	Engineering
University of New Mexico	BSME	Mech. Engineering

Prior Work Experience

Job Title	Organization Name	Date of Employment
Associate Faculty	Collin College	1998-1999
Engineering Systems Analyst	Texas Instuments	1973-1997
Instructor of Engineering	University of New Mexico	1970-1973

Professional Development and Publications

- Completed (2 of 9) courses and in progress. The John Hopkins Data Science Specialization (nine, one-month course series), Massive Online Open Courseware (MOOC), Summer 2014 - Present
- Completed (1 of 10) lectures and in progress. C9 Lectures: Core C++ 11 Language (by Stephen Lavavej), Microsoft Developer Network (MSDN), Summer 2014 - Present
- Completed (3 of 10) lectures and in progress. C9 Lectures: C++ 11 Standard Template Library(STL) (by Stephen Lavavej), Microsoft Developer Network (MSDN), Spring 2014 - Present
- Completed C++ 11 for C Programmers (by Ira Pohl), Coursera MOOC (non-credit), Spring 2014
- Completed Algorithms I (by Robert Sedgewick), Coursera MOOC (non-credit), Fall 2012
- Completed Algorithms II (by Robert Sedgewick), Coursera MOOC (non-credit), Spring 2013
- Completed Design & Analysis of Algorithms I, Stanford Online MOOC (non-credit), Summer 2013
- Completed Design & Analysis of Algorithms II, Stanford Online MOOC (non-credit), Fall 2013
- Completed Programming Abstractions, Stanford Online MOOC (non-credit), Summer 2012
- Completed Programming Paradigms, Stanford Online MOOC (non-credit), Summer 2012
- Participate in the Teradata University Network of educators and practitioners of Data Analytics for sharing and collaborating information, 2013 - Present

College Service and College-Related Community Service

- Schedule tutoring sessions for C++/SQL Programming students at PRC, Fall 2012 - Present
- Developing a certificate curriculum for a Business Analytics Program, Summer 2014 -Present
- Serve as Database Administrator for Department Instructional Databases, Fall 2012 - Present
- Developed three self-instruction modules on SQL Server 2012 Analytics for Database Programming students, (available on Blackboard and Instructional network), Summer 2014

- Developed four self-instruction modules on Java Object-Oriented Programming for C++ students taking COSC 2436 (Java III), (available on Blackboard and Instructional network), Spring 2013
- Developed a set of in-computer-classroom, hands-on programming exercises for department C++ Programming Fundamentals I courses, (available on department network), Fall 2012
- Investigated the feasibility of implementing a SAP Programming Certificate at Collin, in collaboration with the SAP University Alliance Program, Summer 2013
- Advise workforce students (by appointment) about courses, certificate programs and career options available in Computer Science at Collin, Fall 2012 - Present
- Serve on Computer Science Department Industry Advisory Board, Fall 2012 - Present
- Assisted Department Chair, conducted three classroom evaluations of Computer Science Associate Faculty, Fall 2012 - Fall 2013