Recommendation

That the Board of Regents approve an Associate in Applied Science (AAS) in Supply Chain Management for Gateway Community and Technical College (GCTC) and certificates in Supply Chain Specialist, Logistics Quality Technician and Logistics Operations to be implemented in Fall 2015.

Rationale

- The proposed AAS degree is consistent with the missions of the Kentucky Community and Technical College System (KCTCS) and Gateway Community and Technical College and supports the statewide postsecondary education strategic agenda and the statewide strategic implementation plan.
- In late 2013, GCTC was awarded a $2.75 million Innovative Multi-Industry Partnership and Career Training (IMPACT) grant through The Department of Labor’s Trade Adjustment Assistance Community College and Career Training (TAACCCT) program. The purpose of this grant is to increase attainment of Associate in Applied Science (AAS) degrees, short term credentials and industry certifications in targeted industry sectors. Logistics and distribution was identified as one of the targeted industry sectors included in the work of this grant.
- Local businesses in the GCTC service area have shown strong support for the Supply Chain Management AAS degree, including Northern Kentucky and Greater Cincinnati region employers, who have now formalized as the Northern Kentucky Logistics Consortium.
- This program differs from any existing programs both in its nature of industry driven credential development and focus on quality concepts (including lean methodology) established as vital to the Northern Kentucky Logistics Consortium.
- According to the Northern Kentucky Occupation Wage and Demand website, jobs associated with logistics are classified as high-wage, high-demand in the Northern Kentucky region. The median income reported for these job is $48,933.00 annually.
- This employer driven program provides individuals seeking economically viable employment with the education and training necessary to fulfill the workforce needs of the region’s growing logistics industry.

Background

According to the Kentucky Public Postsecondary Education Diversity Policy and Framework for Institution Diversity Plan Development, Gateway Community and Technical College has automatic eligibility.

An executive summary of the proposal is attached. A copy of the full proposal has been forwarded to each member of the Board’s Academic Affairs and Curriculum Committee.
EXECUTIVE SUMMARY

Associate in Applied Science in Supply Chain Management

Gateway Community and Technical College

A Proposal for Initiation of a New Degree Program

Centrality to the Institution’s Mission and Consistency with State’s Goals

Gateway Community and Technical College (GCTC) provides high quality, affordable, accessible, and inclusive postsecondary education and training resulting in a positive contribution to the economic vitality of the region and enhanced quality of life for all citizens. The College lives its mission through collaborative partnerships with business and community leaders, colleges and universities, the K-12 education system, and local nonprofit agencies involved in economic development. Consistent with this mission, GCTC develops new programs to meet the demands of an evolving workforce and its educational needs leading to the expansion of academic programming to include the Business Studies Supply Chain Management program. Through existing and new partnerships with local logistics industry leaders, the program will better enable GCTC to meet workforce needs of its service region and Kentucky as a whole. By providing additional qualified workers, the program will help GCTC maximize postsecondary education’s contribution to improving the economic vitality of Kentucky and fulfilling state goals.

Program Quality and Student Success

Through general education and technical core competency achievement, graduates of the program will possess the knowledge and skills necessary to be successful in careers related to the logistics and supply chain fields. In addition to the Associate in Applied Science (AAS) degree, graduates will leave the program with two nationally recognized industry credentials embedded within the coursework and awarded through the Manufacturing Skill Standards Council (MSSC); Certified Logistics Associate (CLA) and Certified Logistics Technician (CLT).

Program Demand/Unnecessary Duplication

In late 2013, GCTC was awarded a $2.75 million Innovative Multi-Industry Partnership and Career Training (IMPACT) grant through The Department of Labor’s Trade Adjustment Assistance Community College and Career Training (TAACCCT) program. The purpose of this grant is to increase attainment of AAS degrees, short term credentials and industry certifications in targeted industry sectors; develop new credentials and enhance existing credentials aligned with workforce needs; and provide comprehensive support services from entry through employment/transfer. Logistics and distribution was identified as one of the targeted industry sectors included in the work of this grant. Common job titles associated with this field include:
In February 2014, leaders in the logistics and distribution industry were invited to participate in an employer focus group. The first meeting included facilitated dialogue concerning distribution and logistics employee pipeline needs, industry challenges, the region’s employment climate, and optimal performance behaviors. Consequent meetings worked through competency alignment with relevant skills for success in the field of logistics; resulting in development of the AAS degree in Supply Chain Management. A comprehensive logistics career pathway was developed to be delivered to the Northern Kentucky/Greater Cincinnati region driven by the input of the employer focus group and application of CLASP’s Alliance for Quality Career Pathways (AQCP) Approach, offering multiple entry and exit points for individuals pursuing a career in logistics. According to the Northern Kentucky Occupation Wage and Demand website, jobs associated with logistics are classified as high-wage, high-demand in the Northern Kentucky region. The median income reported for these job is $48,933.00, annually.

This program differs from any existing programs both in its nature of industry driven credential development and focus on quality concepts (including lean methodology) established as vital to the Northern Kentucky and Greater Cincinnati region by the employers of the focus group, now formalized as the Northern Kentucky Logistics Consortium. The employer driven program provides individuals seeking economically viable employment with the education and training necessary to fulfill the workforce needs of the region’s growing logistics industry.

Cost and Funding of the Proposed Program

Sufficient student tuition revenue is expected to sustain the cost of the program with 20 new students projected in year one and 30 new students in subsequent years enrolling in 30 credit hours per year. GCTC currently offers all of the general education courses and several of the business classes associated with this degree.

Program Review and Assessment

A program assessment plan will be developed to collect data from a variety of sources to assess the effectiveness of the program including its faculty, the curriculum, and the skills and knowledge of graduates of the program. These assessments will focus on an evaluation of many aspects of the program including the curriculum, the faculty, goals and objectives, admissions, and academic performance. Data will be collected on graduation rates, retention rates, and overall student program GPA.

Faculty will use a variety of formative and summative assessment practices to measure the degree to which the technical and general education competencies are being met. The results of these assessments will be folded into the end of year program evaluation as part of the cycle of assessment and improvement.
Assessment data as well as feedback from faculty, advisory committee members, and college administration, will be analyzed by the program faculty and administration to determine if the goals set forth in the mission statement, educational philosophy, and terminal objectives are being satisfied.

**Conclusion**

The proposed Business Studies Supply Chain Management AAS degree is consistent with the missions of Kentucky Community and Technical College System and Gateway Community and Technical College and supports the statewide postsecondary education strategic agenda and implementation plan. There is an approved curriculum for the program with regional needs that support the establishment of this program. A program evaluation plan is in place and GCTC has resources available to implement this program.