

4.2

Program curriculum

The institution's curriculum is directly related and appropriate to the mission and goals of the institution and the diplomas, certificates, or degrees awarded.

Judgment

Compliance Partial Compliance Non-Compliance Not Applicable

Narrative

Tennessee Technological University (TTU) is authorized to offer baccalaureate through doctoral degrees by the Tennessee Board of Regents (TBR). The TBR approves the University's mission, goals, and degree programs. TTU's curriculum is directly related to the University's mission [1] and purpose.

TTU Mission Statement

Tennessee Technological University's mission as the state's only technological university is to provide leadership and outstanding programs in engineering, the sciences, and related areas that benefit the people of Tennessee and the nation. The University also provides strong programs in the arts and sciences, business, education, agriculture and human ecology, nursing, music, art and interdisciplinary studies. Tennessee Technological University serves students from throughout the state, nation, and many other countries, but it retains a special commitment to enrich the lives of people and communities in the Upper Cumberland region of Tennessee.

The University is committed to the life-long success of students in its undergraduate, master's, specialist, and doctoral degree granting programs through high-quality instruction and learning experiences. The University is engaged in scholarly activity, especially basic and applied research, creative endeavors, and public service, with special emphasis on community and economic development. The University supports student participation in a broad array of extracurricular activities as an integral component of its commitment to student life and success.

The University's three interdisciplinary Accomplished Centers of Excellence in Energy Systems Research, Manufacturing, and Water Resources and Chairs of Excellence in Business Administration strengthen the instructional, research, and service mission of the University.

The University is as supportive of women as of men and as supportive of those in the minority as of those in the majority. The University provides educational opportunities to all eligible persons without regard to age, gender, ethnicity, race, religion, national origin, disability, or sexual orientation. The institution is committed to an inclusive and diverse campus that enriches the educational experience, promotes personal growth and a healthy society, prepares students for success in a global economy, and enhances America's economic competitiveness.

Tennessee Technological University is a member of the State University and Community College System of Tennessee and is governed by the Tennessee Board of Regents. The mission statement was reviewed by the Tennessee Board of Regents on March 25, 2011, with the Strategic Plan [2].

University Programs

Although best known for high-quality instruction and research in engineering and the STEM disciplines, the University provides strong programs in each of its seven colleges: Agriculture and Human Ecology, Arts and Sciences, Business, Education, Engineering, Interdisciplinary Studies, Graduate Studies, and the Whitson-Hester School of Nursing. Degrees are offered in 40 baccalaureate, 18 master's, and three

specialist programs; three doctoral areas of study offer five concentrations in engineering, two in environmental science, and four in exceptional learning. The University's commitment to public service and economic development in the Upper Cumberland region is especially visible in its nursing, agriculture, teacher education, and environmental stewardship programs.

New programs are developed by faculty at the departmental level. Departments then make proposals to a college-level committee. Proposals approved by the college-level committee are then reviewed by the University Curriculum Committee (if undergraduate level) or the Graduate School Executive Committee (if graduate level). Approved proposals are submitted to the Academic Council and then to the Provost and Vice President for Academic Affairs. Finally, proposals approved by the Office of the Provost and Academic Affairs are submitted to the TBR for final approval [3].

Accelerated and distance education programs undergo the same review process [4]. These programs also support TTU's mission emphasizing a commitment to enriching the lives of people and communities in the Upper Cumberland region of Tennessee.

Undergraduate and Graduate Degrees

Requirements for undergraduate degrees are set out in the Undergraduate Catalog [5] and are governed by Policy 260 [6]. This catalog specifies the total number of credit hours to be earned (a minimum of 120), the core curriculum (required for all undergraduate degrees), and the requirements specific to each undergraduate degree. Prerequisite and co-requisite requirements are listed in the course description sections of the catalog.

Requirements for all graduate degrees are set forth in the Graduate Catalog [7] and are governed by Policy 271 [8]. This catalog specifies the requirements for each graduate degree. Prerequisite and co-requisite requirements are listed in the course description sections of the Catalog.

Conclusion

TTU's curriculum is directly related and appropriate to the mission and goals of the institution and the diplomas, certificates, or degrees awarded as evidenced by the mission statement and its direct relation to the University's programs, approval process for new programs, and undergraduate and graduate degrees. TTU is, therefore, in compliance with Federal Requirement 4.2.

Sources

-  [01] TTU Mission and Vision
-  [02] TBR Meeting Minutes March_25_2011
-  [03] Approval of Academic Programs Units and Modifications Policy 224
-  [04] Accelerated Degree Programs
-  [05] Undergraduate Catalog 2014
-  [06] Requirements for a Baccalaureate Degree and Graduation Policy 260
-  [07] Graduate Catalog 2014
-  [08] General Graduate Degree Requirements Policy 271