

**Southern Utah University
Applied Technology Department
Academic Outcomes Assessment Plan
Academic Year 2002-2003**

Expanded Statement of Institutional Purpose:

Mission Statement:

The Applied Technology Department supports the mission of the university by providing a high quality undergraduate education to students through certificate, associate, and baccalaureate degree programs. The Applied Technology department provides students with in-depth skill development in the program discipline areas of criminal justice, construction technology/construction management, electronics engineering technology, CAD/CAM engineering technology, CAD/GIS engineering technology, automotive technology, CNC machining, and cabinetmaking and millwork, through professional, credentialed faculty using state of the art facilities and equipment. In addition, this department offers Technology Education teacher certification with a secondary endorsement. Furthermore, we aim to provide meaningful service to industry, government, and all communities served by the university.

Goal Statements:

- I. The Applied Technology Department at SUU will prepare students with the technical knowledge and skills necessary to succeed in their respective disciplines.
- II. The Applied Technology department will provide service to related industries/organizations at the local, regional, state, and national levels, and work in close cooperation with industry to train students to meet employers' needs as well as provide training for their employees.
- III. The curriculum in the Applied Technology department will consist of a blending of classroom courses in theory, methodologies and histories of the program disciplines as well as lab/field experiences incorporating hands-on application of these principles.
- IV. The intent of the Applied Technology faculty and curriculum is to produce well-rounded graduates who are conversant with the content in their program discipline and who can also proficiently apply that content in their employment and/or continuing education endeavors.
- V. The Applied Technology department will achieve a high level (80%) of placement in employment and/or continuing education.

Intended Outcomes:

- I. Students will demonstrate their knowledge and mastery of their degree program (i.e., criminal justice, electronic technology, cabinetmaking and millwork, etc.)
- II. Business/industry representatives will have an opportunity to provide curricular input.
- III. Students will be satisfied with learning opportunities afforded to them by the Applied Technology department.
- IV. Students will be prepared for post-graduation plans in their respective fields.
- V. Students will find employment in their field and/or continue their educational pursuits.

Assessment Criteria and Activities:

- I. Applied Technology students will pass their Applied Technology courses with a minimum grade of "C-" (a minimum grade of "C" is required in Technology Education courses), as evaluated by assessment measures within each course. Applied Technology courses will contain activities that will enable students to demonstrate a reasonable level of proficiency in their learned skills.
- II. Each Applied Technology program area will form an advisory committee that will meet bi-annually to review curriculum and provide guidance and direction for the program. (The Technology Education program is not required to have an "advisory committee".)

- III. A. 80% of graduating students will agree with the statement, “The quality, availability, and diversity of course offerings, and lab experiences in my degree program were appropriate.”
OR
80% of Applied Technology majors enrolled in TECH 3000 will agree with the statement, “The quality, availability, and diversity of course offerings and lab experiences in my degree program are appropriate.”
OR
80% of Criminal Justice majors enrolled in CJ 3500 will agree with the statement, “The quality, availability, and diversity of course offerings and lab experiences in my degree program are appropriate.”
OR
80% of Automotive majors enrolled in AUTO 1510 or AUTO 2560 will agree with the statement, “The quality, availability, and diversity of course offerings and lab experiences in my degree program are appropriate.”
- B. 80% of graduating students will give a rating of “Above Average” or “Excellent” to an overall rating of their degree program.
OR
80% of Applied Technology majors enrolled in TECH 3000 will give a rating of “Above Average” or “Excellent” to an overall rating of their degree program.
OR
80% of Criminal Justice majors enrolled in CJ 3500 will give a rating of “Above Average” or “Excellent” to an overall rating of their degree program.
OR
80% of Automotive majors enrolled in AUTO 1510 or AUTO 2560 will give a rating of “Above Average” or “Excellent” to an overall rating of their degree program.
- IV. 80% of graduating students will agree with the statement, “I feel that my program has prepared me well for my future employment or educational plans.”
- V. 80% of graduates will accept employment within their field of study and/or be accepted for continuing education programs within one year following graduation.

Implementation:

- I. The minimum requirement of a “C-“ grade (“C” for Technology Education courses) has been placed on all advisement worksheets, in the university catalog and will be reiterated in personal advisement sessions with the students. It will be reviewed again when the students’ papers are scrutinized for graduation.
- II. Advisory committees will meet once each semester; minutes will be kept on file in the Applied Technology department office. Recommendations from the advisory committees will be considered in program reviews and curriculum updates. The Technology Education program is evaluated annually by Technology Education faculty against state and national accreditation standards.
- III. Assessment will be through an exit survey (see Appendix I) administered to all graduating students (certificate, associate, and baccalaureate) by the program advisor when graduation papers are approved. The survey will be completed before the department chair signs the students’ graduation papers.
OR
Assessment will be through a formative survey (see Appendix II) administered to all Applied Technology majors enrolled in TECH 3000, all Criminal Justice majors enrolled in CJ 3500, and all Automotive majors enrolled in AUTO 1510 or AUTO 2560.

- IV. Assessment will be through a survey administered to graduating students (both associate and baccalaureate) by program advisor when graduation papers are approved.
- V. Assessment will be through a survey administered to graduates within one year following graduation.

*Applied Technology majors typically take TECH 3000 approximately midway through their program. Criminal Justice majors typically take CJ3500 approximately midway through their program. Automotive majors take AUTO 1510 or AUTO 2560 during the spring semester of alternating years.

Updated 9/19/02