**TARLETON STATE UNIVERSITY**

120 – Degree Program Review

Date Completed: 1/17/2008

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<th>Degree Program BAAS I O WSTC</th>
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<th>Engineering Technology</th>
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**A. Review Results**

Review of the Course requirements for this program resulted in the following conclusion (check only 1)

- [ ] This program can be reduced to 120 hours and a Revised Degree Program Proposal has been submitted in the curriculum management system. (Skip section B, but complete section C)
- [x] This program cannot be reduced to 120 hours for academically compelling reasons (complete section B)

**B. Academically Compelling Reasons**

Review of this degree program found that this program cannot be reduced to 120 hours but can be reduced to 132 hours and a Revised Degree Program Proposal has been submitted in the electronic curriculum system. The following academically compelling reason(s) is/are cited for the inability to reduce the 120 hours.

- [x] Teacher Certification Program – revised program submitted to THECB for approval.
- [ ] Program Accreditation External Agency: 
  
  a brief 1 page narrative must be attached that references specific curriculum requirements for accreditation.

  Programs claiming the exception must submit an update during each reaccreditation cycle.

- [ ] Normative Practice in the Discipline. A brief 1 page report providing list of similar programs at other Texas Institutions and the program hours must be attached. Programs claiming this exception must conduct an annual review of similar programs and submit an update.

**C. Committee Review and Approval**

Dean, College Curriculum Committee: 

[Signature]

Chair, University Curriculum Committee: 

[Signature]

AVPAA, Curriculum and Assessment:

[Signature]

Copies to be kept at Academic Department, Dean’s Office and Provost’s Office
ADDENDUM
120 – Hour Program Review
BAAS in Industrial Occupations with secondary teacher certification

The Texas Administrative Code (TAC), Title 19, Part II Chapter 123. Texas Essential Knowledge and Skills for Technology Education/Industrial Technology Education lists the following courses as part of the secondary school curriculum for Industrial Technology education programs:

**Middle School**

Exploring Communication Technology.
Exploring Computer Applications.
Exploring Construction Technology.
Exploring Manufacturing Technology.

**High School**

Technology Systems (One Credit).
Engineering Principles (One Credit).
Communication Systems (One-Half to One Credit).
Manufacturing Systems (One-Half to One Credit).
Construction Systems (One-Half to One Credit).
Energy, Power, and Transportation Systems (One-Half to One Credit).
Bio-related Technology Systems (One-Half to One Credit).
Computer Applications (One Credit).
Architectural Graphics (One-Half to One Credit).
Engineering Graphics (One-Half to One Credit).
Communication Graphics (One-Half to One Credit).
Manufacturing Technology (One-Half to One Credit).
Architectural Construction (One-Half to One Credit).
Electricity/Electronics Technology (One-Half to One Credit).
Computer Multimedia and Animation Technology (One-Half to One Credit).
Principles of Technology I (One Science Credit).
Principles of Technology II (One Science Credit).

The range and variety of courses contained in the curriculum requires university programs to cover a wide range of topics to adequately prepare teachers to pass the ExCET licensing exam. The proposed program reduction maintains 8 courses (24 hours) coupled with 33 hours of occupational specialization to cover the content area necessary to prepare teachers for the discipline and provide them with the knowledge required to pass the exam and be successful as secondary teachers. In addition, Math 109 is required to prepare the students for the mathematical requirements of many of the courses.

State certification requirements specify 30 hours to include a fourth English course, CIS, professional development courses, reading, and psychology. These requirements cannot be reduced. The minimum requirement for the occupational specialization is 33 hours.

Reducing the degree to 120 hours would eliminate content in the teaching field, reducing to 12 hours plus the 33 hours of occupational specialization, and place our graduates at risk of being unsuccessful in their attempts to pass the ExCET exam.