2008-09 CHECKLIST FOR GRADUATION REQUIREMENTS IN MEDICAL TECHNOLOGY - BACHELOR OF SCIENCE
Minimum of 132 s.h. required for graduation (36 s.h. must be 300/400-level courses)
(Additional hours to total 132 s.h. -- includes second major, minor, and elective hours.)

Name ______________________________ I.D. # ____________________ H.S. deficiencies: Math _____ Foreign Language _____

General Studies Requirements
(General Studies must total at least 58 s.h.)

FIRST-YEAR CORE:

GST 110 - Global Experience (4 s.h.) ____________
ENG 110 - College Writing (4 s.h.) ____________
(C- or better required for graduation)

MTH 112 or 121 or 212 (4 s.h.) *MTH 112 or 212

HED 111 – Contemp. Wellness Issues (2 s.h.) ____________

Experiential Learning Requirement (ELR): (One Unit)
May be met by any one of the following: internship, practicum, co-op, study abroad, student teaching, approved field-based course or documented service, leadership, or individualized learning experience.

Foreign Language Requirement:
Students must meet one of the following: placing beyond FL 122 on the CAPE placement test, completing a 122-level language course, completing a semester or summer in a university-approved program in a non-English speaking country with language study at the 122-level or above, scoring 4 or 5 on an Advanced Placement exam. Students are expected to complete this requirement by the end of their sophomore year.

STUDIES IN THE ARTS AND SCIENCES:
[Transfer students with at least 18 s.h. of transfer credit must complete 32 hours total in Studies in the Arts & Sciences, but may have as few as 7 hours in one or more of the four Studies in the Arts & Sciences areas.]

Expression (8 s.h.) ____________
[Eight hours chosen from at least two of the following: literature (in English or foreign languages), philosophy, & fine arts (art, art history, dance, fine arts, music, music theatre, & theatre). At least one course must be literature.]

 Civilization (8 s.h.) ____________
[Eight hours chosen from at least two of the following: history, foreign languages, and religious studies. Students taking foreign language courses to meet Elon’s proficiency requirement may only apply 4 s.h. of that coursework toward Civilization.]

 Society (8 s.h.) ____________
[Eight hours chosen from at least two of the following: economics, geography, political science, psychology, & sociology/anthropology.]

Science *BIO 111/113 (Lab: ____ ) *PHY 111 (8 s.h.) ____________
[Eight hours chosen from one or more of the following: mathematics, science, and computer science (must have CSC department designation). At least one course must be a physical or biological laboratory science.]

ADVANCED STUDIES (Must be outside major.)

*BIO 321 (8 s.h.) ____________
[Eight hours of 300-400 level courses outside the major field chosen from departments and areas listed under Studies in the Arts and Sciences.]

GST Interdisciplinary Seminar (4 s.h.) ____________
[300-400 level GST course; requires junior/senior status.]

*Required in major; may count in General Studies.

Major Requirements

A minimum of 40-47 s.h. in the following courses is required.

____*BIO 111 (3) - Introductory Cell Biology
____*BIO 113 (1) - Cell Biology Lab
____BIO 112 (3) - Introductory Population Biology
____BIO 114 (1) - Population Biology Lab
____BIO 245 (4) – Principles of Genetics
____*BIO 321 (4) - Microbiology
____CHM 111 (3) - General Chemistry I
____CHM 113 (1) - General Chemistry I Lab
____CHM 112 (3) - General Chemistry II
____CHM 114 (1) - General Chemistry II Lab

-OR- (or in lieu of CHM 111, 113, 12., 114)
_____CHM 115 (3) – Advanced General Chemistry
_____CHM 116 (1) – Advanced General Chemistry Lab
_____CHM 211 (3) - Organic Chemistry I
_____CHM 213 (1) - Organic Chemistry I Lab
_____CHM 212 (3) - Organic Chemistry II
_____CHM 214 (1) - Organic Chemistry II Lab
_____*PHY 111 (4) - General Physics I
_____*PHY 112 (4) - General Physics II
_____*MTH 112 (4) – General Statistics
-OR- *MTH 212 (4) – Statistics in Application

A course in Immunology (0-3 s.h.) ____________
(Immunology as a separate course or as part of a microbiology course.)

Recommended additional courses:
CHM 311 (4) – Quantitative Analysis
CIS 112 (2) – Problem Solving with Spreadsheet Applications
CIS 114 (2) – Introduction to Web Site Development
BIO 162 (4) – Human Physiology
BUS 303 (4) – Introduction to Managing
MTH 472 (4) – (higher than MTH 112)

_____Completion of clinical curriculum
_____Major Total (s.h.)