

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY

PROGRAM TITLE: TECHNICAL GENERAL EDUCATION (TGE)

Information included in this handout may change at anytime without notice and should not be considered as a binding contract between Idaho State University and students.

Course Length: 1 Semester

Course Description: Technical General Education Basic (TGEB) is a supplemental program, which provides entry into the College of Technology for those students who do not demonstrate adequate academic skills to be successful in their program. Students will learn or renew skills in math, reading, and communications related to their chosen vocational objective. TGE also seeks to accommodate specific learning disabilities and to prepare a plan to facilitate learning disabled students' success in their program.

Technical General Education Core (TGEC) courses complement technical training by providing education in business/technical writing, job search skills and oral/written communication skills. TGEC courses are taken in conjunction with program course

Education Requirements: Completion of high school or GED is required.

Enrollment in Program: Entry into TGE generally takes place one semester prior to the starting date of the technical training program.

**Entry dates
for this program:**
August and January.

**For more information,
Contact:**
Idaho State University
College of Technology
Student Services Office
Campus Box 8380
Pocatello, ID 83209-8380
1.208.282.2622
E-mail: ctech@isu.edu
www.isu.edu/ctech/

ACT scores are not required for acceptance to the College of Technology,
however, they are required to qualify for some scholarships.

TUITION: TUITION AND FEES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTIFICATION

Tuition for this program is paid every August, January, and May.

The following fees are for the **2007/2008** school year:

TUITION PER SEMESTER	\$2,200.00
TUITION PER SEMESTER/NON-RESIDENT	\$6542.00
STUDENT INSURANCE PREMIUM PER SEMESTER (REQUIRED)	\$ 523.00*
PART-TIME REGISTRATION FEES	\$221.00 PER CREDIT

*Any student with existing health insurance coverage may be exempt from participation in the Student Insurance Plan by completing and filing a Health Insurance Waiver each academic year. This waiver can be found through the college website at <http://www.isu.edu/stuhlth/insurance/pp.html> .

Idaho State University subscribes to the principles and laws of the State of Idaho and the federal government, including applicable executive orders pertaining to civil rights. All rights, privileges, and activities of the University are made available without regard to race, creed, color, sex, age, disability, national origin or veteran status. The University is an Equal Opportunity and Affirmative Action employer. Evidence of practices that are not consistent with such a policy should be reported to:

**Leonard E. "Buddy" Frazier, Affirmative Action Director
Museum Building, Room 422 Box 8315
E-mail frazleon@isu.edu
(208) 282-3964**

Idaho State University is committed to equal opportunity in education for all students, including those with documented disabilities. If you have a diagnosed disability or if you believe that you have a disability that might require reasonable accommodations, please contact:

**Dennis J. Toney, ADA Disabilities and Resource Center Director
Gravely Hall, Room 123 Box 8121
E-mail tonedenn@isu.edu
(208)282-3599**

*You may appeal placement decisions made by Student Services through a petition process.
Please call 1.208.282.2622 for more information.
Students must receive a 'C' grade or better in all registered Technical General Education courses
in order to complete graduation from their chosen program.*

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY

PROGRAM TITLE: TECHNICAL GENERAL EDUCATION (TGE)

CURRICULUM

1 Semester Program - 4 months

TGE Basic Courses

TGEB 100A ALGEBRA I 4 credits. Linear equations, factoring, graphing, functions, and quadratic equations with emphasis on practical and technical -problems. Equivalent to MATH 025. Not eligible for academic credit. D

TGEB 100C CRITICAL THINKING 3 credits. Course teaches creative and critical thinking. This is an integrated approach that deals with thinking about thinking, imagining, and solving problems. Informal logic, induction, deduction, and prose analysis are emphasized. D

TGEB 100G GRAMMAR 4 credits. Course is designed to provide an introduction to and analysis of the basic grammatical principles of the English language. Application of these principles to spoken and written English is introduced. Course is for students whose occupations require language editing. D

TGEB 100I INDEPENDENT STUDY 1-2 credits. Course is designed to meet individual student needs. D

TGEB 100M MATH 4 credits. Course provides an overview of complex fractions, decimals, and percents with an emphasis on practical application. D

TGEB 100R READING 3 credits. Course is competency based and thus addresses the performance of the student. Speed and comprehension are emphasized, with critical textual interpretation as the main objective. D

TGEB 100S STRATEGIES FOR LEARNING 2 credits. Memory skills, time management, critical thinking, learning styles, note and test taking strategies, and use of technology in successful completion of programs. Credit not applicable toward degree or certificate. D

TGEB 100T TECHNICAL SCIENCE 2 credits. Course provides instruction in the development of basic mathematical relationships and their use in the study of forces and force analogs in fluid, thermal, electrical, and mechanical systems. Force, work, power, rate, and resistance are studied. Basic trigonometric relationships are defined. D

TGEB 100W WRITING 3 credits. Course introduces standard prose writing formats intended to provide essentials in organization and methods for clear writing in standard, edited American English. Equivalent to ENGL 090. D

TGE CORE COURSES:

TGEC 151 TECHNICAL WRITING I 2 credits. Course provides instruction in informal technical report writing and business correspondence. Includes grammar/punctuation review, introduction to word processing, and technical terminology/vocabulary building. D

TGEC 152 TECHNICAL WRITING II 2 credits. Course provides instruction in application of formal technical writing strategies and fundamentals of research. D

TGEC 158 JOB SEARCH 2 credits. Comprehensive study and practice of job search activities, including company research, networking strategies, interviewing behavior, and writing the resume and business correspondence. Course culminates in the preparation of a professional portfolio. Students prepare for and participate in interview activities in a variety of settings. D

TGEC 162 KEYBOARDING 1 credit. Course enables the development of alphabetic and numeric information input through touch keyboarding. Open exit is available when student reaches proficiency rate established by program area. D

COMM 101 PRINCIPALS OF SPEECH 3 credits. Basic course in oral communication that emphasizes the theory and practice of informative speaking, logical argumentation, persuasion, small group discussion, and interpersonal communication. Designed to explain the humanistic nature of human communication and to improve a student's ability to express ideas orally. Satisfies Goal 2 of the General Education Requirements. F, S

ENGL 101 ENGLISH COMPOSITION 3 credits, Course in which students read, analyze and write expository essays for a variety of purposes consistent with expectations for college-level writing in standard edited English. F, S, Su, W

ENGL 102 CRITICAL READING AND WRITING 3 credits. Writing essays based on readings. Focus on critical reading; research methods; gathering, evaluating, analyzing, and synthesizing ideas and evidence; documentation. PREREQ: ENGL 101 or equivalent. Satisfies Goal 1 of the General Education Requirements when passed with at least a C- grade. F, S, Su

MATH 123 MATHEMATICS IN MODERN SOCIETY 3 credits. Survey of applications of mathematics to real-world problems. Topics from graph theory, management science, political science, statistics, geometry, and computer science. PREREQ: MATH 025. Satisfies Goal 3 of the General Education Requirements. F, S, Su

PHYS 100 Essentials of Physics 4 credits. A survey of basic physics principles; motion, gravitation, electricity and magnetism, light, atoms and nuclei. Includes lecture, demonstrations and elementary problem solving. COREQ: MATH 108 or equivalent. F, S

PHYS 101 Elements of Physics 3 credits. A survey of basic physics principles; motion, gravitation, electricity and magnetism, light, atoms and nuclei. Includes lecture, demonstrations, elementary problem solving. Taken together with PHYS 101L satisfies Goal 5. PREREQ: permission of the College of Technology. COREQ: MATH 108 or equivalent; PHYS 101L. F, S

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY

PROGRAM TITLE: TECHNICAL GENERAL EDUCATION (TGE)

BOOK AND TOOL LIST

Textbooks may be purchased at the University Bookstore located at the Pond Student Union - Building #14. Textbooks may also be purchased or reserved on-line through www.efollett.com or the bookstore's website at www.isu.edu/bookstor. Payments may be made with cash, check, VISA, Mastercard, American Express, or Discover. A shipping charge will be added for mail orders. See the bookstore's website for more information on purchasing or reserving books or for refund policy information. **Save Your Receipts!**

NOTE: PRICES ARE SUBJECT TO CHANGE AT ANYTIME WITHOUT PRIOR NOTIFICATION

BOOKS (LISTED BY COURSE) AND OTHER EXPENSES

TGEB 100A ALGEBRA I		
ELEMENTARY ALGEBRA (w/cd), 7th ed, by McKeague	0-534-4184-34	92.00
ELEMENTARY ALGEBRA (Student Resource Manual, w/CD), 7th ed, by McKeague	0-03-029121-6	37.00
COURSEPACK FOR 100A		9.00
TI 30XA CALCULATOR		12.00
TGEB 100I INDEPENDENT STUDY No textbook required		
TGEB 100M MATH		
BASIC MATHEMATICS (w/CD), 6th ed, by McKeague	0-534-99818-9	112.00
BASIC MATHEMATICS SOLUTION MANUAL, 6th ed, by McKeague	0-534-99830-1	36.00
COURSEPACK FOR TGE 100M		9.00
TI 30XA CALCULATOR		12.00
TGEB 100R READING		
COLLEGE READING SERIES, 2nd ed, by Houghton	0-618-54186-7	30.00
STANDARD AMERICAN DICTIONARY		
PICCIOTO'S CRITICAL THINKING: A CAMPUS LIFE CASEBOOK		19.50
COURSE PACKET FOR 100R		4.00
TGEB 100S STUDY SKILLS		
BECOMING A MASTER STUDENT, 11th ed, by Ellis	0-618-46770-X	50.00
TGEB 100T TECHNICAL SCIENCE		
APPLIED PHYSICS (LAB), 8th ed, by Ewen	0-13-110353-9	28.00

APPLIED PHYSICS (w/cd), 8th ed, by Ewen	0-13-110169-2	127.00
TGEB 100W WRITING See instructor for textbook		
TGEC 151 TECHNICAL WRITING I		
TECHNICAL WRITING, 5th ed, by Gerson	0-13-119664-2	50.00
COURSEPACK FOR TGE 151		4.00
TGEC 152 TECHNICAL WRITING II		
COURSE PACKET FOR TGE 152		4.00
TGEC 158 JOB SEARCH See instructor for textbook		
TGEC 162 KEYBOARDING No textbook required		

TUITION: TUITION AND FEES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTIFICATION

Tuition for this program is paid every August and January.
The following fees are for the **2007/2008** school year:

TUITION PER SEMESTER	\$2,200.00
TUITION PER SEMESTER/NON-RESIDENT	\$6542.00
STUDENT INSURANCE PREMIUM PER SEMESTER (REQUIRED)	\$ 523.00*
PART-TIME REGISTRATION FEES	\$221.00 PER CREDIT

*Any student with existing health insurance coverage may be exempt from participation in the Student Insurance Plan by completing and filing a Health Insurance Waiver each academic year. This waiver can be found through the college website at <http://www.isu.edu/stuhlth/insurance/pp.html> .