

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY**PROGRAM TITLE: TECHNICAL GENERAL EDUCATION (TGE)**

Information included in this handout may change at any time 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 courses.

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
921 S. 8th Ave, Stop 8380
Pocatello, ID 83209-8380
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 AND FEES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTIFICATION

Fees apply to current Idaho State University fee schedule located at <http://www.isu.edu/finserv/costinfo.shtml>.

Fees include **mandatory** student health insurance. Any student with existing health insurance coverage may be exempt. Waivers are available at <http://www.isu.edu/stuhth/insurance/>.

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: Kathleen Roberts, J.D., Affirmative Action Director, Administration Building, Room 318D, Stop 8315, robekath@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, Stop 8121, tonedenn@isu.edu, 208-282-3599.

NOTE: Licensure, certification, and/or employment applications related to some degree programs require students to disclose any history of criminal prosecution which may include the student's driving record. Students who have a criminal history are strongly encouraged to contact the licensing agency or meet with the coordinator of the program they are interested in, prior to beginning classes, to discuss potential impediments to licensure, certification, or employment.

You may appeal placement decisions made by Student Services through a petition process.

Please call 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.

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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 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 EMPLOYMENT STRATEGIES 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 163 USING THE COMPUTER 1 credit. Use of Moodle, on-line library services, Internet research, Bengal web, and e-mail. Overview of current word processing software and the development of touch keyboarding proficiency. F, S

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 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

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BOOK AND TOOL LIST

Textbooks may be purchased at the University Bookstore located in the Pond Student Union Building #14. Textbooks may also be purchased or reserved online 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 ANY TIME WITHOUT PRIOR NOTIFICATION

BOOKS (LISTED BY COURSE) AND OTHER EXPENSES

TGEB 100A ALGEBRA I		
ELEMENTARY ALGEBRA, 8 th ed (2008), by McKeague	9780495108399	164.50
ELEMENTARY ALGEBRA: STUDENT SOLUTIONS MANUAL, 8 th ed (2008), by McKeague	9780495383130	54.50
COURSE PACK FOR TGE 100A (2001)		10.50
TI 30XA CALCULATOR		12.00
TGEB 100I INDEPENDENT STUDY No textbook required		
TGEB 100M MATH		
BASIC MATHEMATICS, 7 th ed (2010), by McKeague	9780495559740	161.75
BASIC MATHEMATICS: STUDENT SOLUTIONS MANUAL, 7 th ed (2010), by McKeague	9780495559764	51.75
COURSE PACK FOR TGE 100M (2008)		9.75
TI 30XA CALCULATOR		12.00
TGEB 100R READING		
COLLEGE READING SERIES, 2 nd ed (2006), by Houghton	9780618541867	39.50
TGEB 100S STUDY SKILLS		
BECOMING A MASTER STUDENT, 12 th ed (2009), by Ellis	9780547154930	81.75
TGEB 100T TECHNICAL SCIENCE		
APPLIED PHYSICS, 9 th ed (2009), by Ewen	9780135157336	145.50
TGEB 100W WRITING		
SENTENCES, PARAGRAPHS & BEYOND, 5 th ed (2008), by Brandon	9780618767830	88.25

TGEC 151 TECHNICAL WRITING I		
POCKET GUIDE TO TECHNICAL COMMUNICATIONS, 4 th ed (2007), by Pfeiffer	9780131721050	34.75
COURSEPACK FOR TGE 151		4.25
TGEC 152 TECHNICAL WRITING II		
POCKET GUIDE TO TECHNICAL COMMUNICATIONS, 4 th ed (2007), by Pfeiffer	9780131721050	34.75
TGEC 158 EMPLOYMENT STRATEGIES See instructor for textbook		
TGEC 163 USING THE COMPUTER		
COURSE PACK FOR TGE 163 (available on Moodle)		