This is the Courses section of the 1997-1999 University of Minnesota General College Bulletin.
# Subject Area List

**Note:** An asterisk (*) indicates that a course has been accepted in one or more of the liberal education categories (see page 30). For up-to-date information on General College courses that fulfill liberal education requirements, see your adviser and the *Class Schedule*.

## Humanities, Literature, and the Arts
- 1311—Art: General Arts*
- 1312—Identity, Community, and Culture: Connections in the Arts and Humanities*
- 1331—Musical Heritage*
- 1357—World Religious Beliefs
- 1364—Literature of the American Immigrant Experience
- 1365—Literatures of the United States*
- 1366—Literature: Images of Women in Literature
- 1367—Contemporary Literature: International Perspectives*
- 1371—Literature: Reading Short Stories*
- 1374—The Movies: An Introduction*
- 1375—Film and Society*
- 1481—Creativity: Art Laboratory—Experiences in the Media*
- 1482—Computer Graphics
- 1483—Music Laboratory
- 1485—Creativity: Photography I (UCEC only)
- 1816—African American Literature
- 1836—Asian American Literature*

## Mathematics, Mathematical Thinking, and Computing
- 0611—Introduction to Basic Mathematics
- 0615—Introduction to Mathematical Problem Solving
- 0616—Algebraic Problem Solving I
- 0617—Algebraic Problem Solving II
- 0621—Elementary Algebra
- 0623—Plane Geometry
- 0625—Intermediate Algebra I
- 0631—Intermediate Algebra II
- 0643—Basic Mathematics: Programmed Study
- 1454—Statistics*
- 1456—Functions and Problems of Logic*
- 1571—Introduction to Microcomputer Applications
- 1572—Introduction to Computer Programming
- 1575—Introduction to Computers

## Multicultural/International Focus
- 1311—Art: General Arts*
- 1312—Identity, Community, and Culture: Connections in the Arts and Humanities*
- 1331—Musical Heritage*
- 1357—World Religious Beliefs
- 1364—Literature of the American Immigrant Experience
- 1365—Literatures of the United States*
- 1367—Contemporary Literature: International Perspectives*
- 1375—Film and Society*
- 1463—Multicultural Oral Communication*

## Natural Sciences
- 1111—Science in Context: Weather and Climate*
- 1112—Ecological Evaluation of Environmental Problems*
- 1131—Biological Science: Principles*
- 1132—Biological Science: The Human Body*
- 1133—Nature Study
- 1137—Biological Science Laboratory: The Human Body
- 1160—Investigations in Physical Science
- 1161—Physical Science: Solar System Astronomy (UCEC only)
- 1162—Physical Science: Stellar Astronomy (UCEC only)
- 1163—Physical Science: Principles of Physics
- 1166—Physical Science: Principles of Chemistry*
- 1171—Physical Geology*
- 1172—Historical Geology
- 1173—Geology of the National Parks

## Oral Communication
- 1461—Oral Communication: Speaking and Creative Thinking
- 1463—Multicultural Oral Communication*
- 1464—Oral Communication: Group Process and Discussion

## Social Sciences, Law, and Business
- 1211—People and Problems
- 1221—Minnesota History*
- 1231—United States: Growth of National Power
- 1232—United States: Growth of American Technology
- 1233—United States: Government and Politics
- 1235—United States: Law in Society*
- 1236—United States: The Crime Problem
- 1241—Historical Biography
- 1251—World History*
- 1252—World Politics
- 1275—Consumer Transactions and the Law (UCEC only)
- 1281—Psychology in Modern Society*
- 1282—Psychology Applied to Human Affairs
- 1283—Psychology of Human Development
- 1284—Behavior Problems of Children
- 1285—Cultural Anthropology
- 1287—Teaching Internship: Introductory Psychology
- 1294—Economics in Contemporary Society*
- 1297—Teaching Internship: Economics in Contemporary Society
- 1511—Introduction to Business and Society*
- 1513—Small Business Fundamentals
- 1524—Practical Law
- 1537—Professional Selling
- 1540—Accounting Fundamentals
- 1587—Teaching Internship for General College Law Courses
- 1701—Psychology of Personal Effectiveness
- 1721—Marriage, Family, and Personal Fulfillment
- 1733—Contemporary Sex Roles
- 1814—The American Indian in American Law
- 1837—Asian American Women
- 1851—Multicultural Relations

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Course Descriptions

Numbers—

0000—0999 Noncredit courses: pre-college skills exploration and development, fee charged (see Class Schedule)

Note: Credit equivalents for noncredit courses are as follows: 0623 and 0643—4-credit equivalent; 0611, 0615, 0616, 0617, 0621, 0625, and 0631—5-credit equivalent. To receive credit equivalency, students must take math courses in the appropriate sequence.

1000–1099 ... College-level skills exploration and development courses

1100–1899 ... Introductory and preparation-for-transfer courses

xxx8 ............ Special topics courses

xxx9 ............ Directed study

Symbols—

, ....... The comma, used in prerequisite listings, means “and.”

§ ...... Credit will not be granted if credit has been received for the course listed after this symbol.

¶ ....... Concurrent registration is required (or allowed) in the course listed after this symbol.

# ....... Approval of the instructor is required for registration.

∆ ....... Approval of the department offering the course is required for registration.

? .... Approval of the college offering the course is required for registration.

BC .... Base Curriculum

TC .... Transition Curriculum

H ...... Honors course (follows the course number).

f, w, s, su

......... fall, winter, spring, summer (follows the course number). Use as a guide only. Contact the department offering the course for updates.

UCEC

......... University College Extension Classes

A prerequisite course listed by number only (e.g., prereq 0615) is also a GC course.

GC 0611. Introduction to Basic Mathematics. (No cr [5-cr equiv]; §0615; prereq GC math placement; BC)

Exponents, order of operations, prime numbers, fractions, decimals, percents, signed numbers, measurement, scientific notation, ratio, proportion, formulas.

GC 0615. Introduction to Mathematical Problem Solving. (No cr [5-cr equiv]; §0611; prereq GC math placement)

Problem-solving approach to arithmetic. Exponents, order of operations, prime numbers, fractions, decimals, percents, signed numbers, measurement, scientific notation, ratio, proportion, formulas.

GC 0616. Algebraic Problem Solving I. (No cr [5-cr equiv]; §0621; prereq 0615, referral from 0615 instructor; BC)

Problem-solving approach to elementary algebra. Signed numbers, variables, expressions, equations, inequalities, exponents, polynomials, rational expressions, and applications of these topics.

GC 0617. Algebraic Problem Solving II. (No cr [5-cr equiv]; §0625; prereq 0616, referral from 0616 instructor; BC)

Continuation of GC 0616. Factoring, rational expressions, systems of equations with two variables, Cartesian graphing, radicals, quadratic equations, and applications of these topics.

GC 0621. Elementary Algebra. (No cr [5-cr equiv]; prereq GC math placement or 0611 or 0615; BC)

For students with strong background in arithmetic. Sets, properties, signed numbers, equations, word problems, inequalities, graphing, polynomials, factoring, rational expressions, radicals.

GC 0623. Plane Geometry. (No cr [4-cr equiv]; prereq GC math placement or elem algebra; # BC)

Elements of plane geometry with some geometry of solids equivalent to one year of high school plane geometry. Logic, sets, systems of measurement, geometric figures, geometric relationships, area, volume, concurrence, constructions. Course is programmed instruction with lecture notes provided by instructor.

GC 0625. Intermediate Algebra I. (No cr [5-cr equiv]; prereq GC math placement or elem algebra with grade of C or better; BC)

For students with adequate background in elementary algebra. Sets, real numbers, linear equations, linear inequalities, absolute value equations and inequalities, exponents, polynomials, systems of equations, word problems, rational expressions, roots, radicals.

GC 0631. Intermediate Algebra II. (No cr [5-cr equiv]; prereq GC math placement or 0625 with grade of C or better; BC)

Complex numbers, quadratic equations, matrix solutions to systems of equations, general inequalities, conic sections, functions, logarithmic and exponential functions, sequences, series, binomial theorem. Knowledge of linear and quadratic equations and inequalities, exponents, factoring, rational expressions, roots, radicals, and graphing assumed.
**GC 0643. Basic Mathematics: Programmed Study.** (No cr [4-cr equiv]; prereq #; BC)
With aid of instructor, topics selected from whole numbers, fractions, decimals, percents, signed numbers, formulas, graphs, ratio and proportion, sets, properties, equations, inequalities, rectangular graphs, polynomials, factoring, rational expressions, conic sections, functions, logarithms. Course is programmed instruction with lecture notes provided by instructor.

**GC 1041. Developing College Reading.** (3 cr; prereq Commanding English enrollment, #; BC)
For non-native speakers of English only. Comprehension and study strategies necessary for reading college-level textbooks. Previewing a textbook for content and organization, underlining and making marginal notes, outlining, anticipating test questions, and interpreting technical vocabulary.

**GC 1042. Reading in Content Areas.** (3 cr [may be repeated for max 9 cr]; prereq Commanding English enrollment, #; A-F only; BC)
Practice with reading skills and strategies relevant to a particular content course. Students enroll concurrently in 1042 and a designated GC content course. Textbooks for 1042 will be those of the content course.

**GC 1051. Introduction to College Reading and Writing.** (5 cr, §1407; prereq RC score 21-36, recommendation of writing professor; BC)
Developing writing fluency and editing strategies through reading and writing for personal and academic purposes.

**GC 1076. Career Planning.** (2 cr; BC)
Career workshop to assess students' interests, abilities, needs, values, and personality through testing and subjective self-exploration. Occupational information provided through computerized system and other printed materials. For students who need to confirm a tentative career choice.

**GC 1086. Higher Education Survival Seminar.** (1-2 cr; A-F only; BC)
Academic coping skills (e.g., study behavior, test taking, time management, communication skills) and career exploration. Personal issues that may interfere with student progress. Information about University/community resources.

**GC 1111. Science in Context: Weather and Climate.** (5 cr; 5 lect, 1 lab hrs per wk; BC)
Principles from physics, ecology, chemistry, and biology used in studying the atmosphere—its weather, climate, and chemical composition. Familiar experiences of weather and climate changes and less familiar principles that explain why changes occur. Discussion/lecture and lab work result in weather forecasting and climate change predictions.

**GC 1112. Ecological Evaluation of Environmental Problems.** (5 cr; BC)
Concepts of ecology (organization of ecosystems, material cycling, energy flow and production, population dynamics, and community interactions) needed to understand proximate and ultimate causes of environmental problems such as world hunger, endangered species, deforestation, solid and hazardous wastes, global climate change, acid rain, and cultural eutrophication. Frameworks and methodologies for critically evaluating impacts and proposing interventions.

**GC 1131. Biological Science: Principles.** (5 cr; 4 lect, 4 lab hrs per wk; TC)
Study of the unity, diversity, and interdependence of life on Earth, emphasizing the unifying concepts and principles of modern biology. Five kingdoms of life, cell theory, photosynthesis and respiration, mitosis and meiosis, genetics, reproduction and life cycles, principles of ecology, behavior, theory of evolution.

**GC 1132. Biological Science: The Human Body.** (5 cr; BC)
Problems of physical, mental, and social health related to anatomy, physiology, and needs of the human organism. In studying the heart, for example, instructor shows what it is, how it works, its importance to overall functioning of the body, what can go wrong with it, and what is known about keeping it on the job. Films, televised dissections, and demonstrations supplement lectures.

**GC 1133. Nature Study.** (4 cr; TC)
General natural history for students with little or no biology training. Natural histories of common Minnesota plants and animals examined in the field from informed amateur naturalist perspective. Natural habitat associations; field observation and identification techniques.

**GC 1137. Biological Science Laboratory: The Human Body.** (2 cr; prereq 1132 or §1132; BC)
Lab for GC 1132. Form and function of gross mammalian anatomy through dissection (skeletal, muscular, digestive, circulatory, nervous, urinary, and reproductive systems). Microscopic examination of tissues and organs. Exploration of mammalian physiology with emphasis on designing experiments, analyzing and interpreting data.

**GC 1160. Investigations in Physical Science.** (5 cr; prereq 1 yr high school algebra or 0616 or 0621 or equiv; BC)
Inquiry approach to problem solving and the scientific method. Working individually and in groups in a lab setting, students observe everyday events in the physical world, formulate hypotheses, design experiments based on these events using simple apparatus, do computer modeling of numerical data, derive formulas, and evaluate quantitative variations found. Examples from several physical sciences.

**GC 1161. Physical Science: Solar System Astronomy.** (4 cr; BC; UCEC only)
Introductory survey of solar system: planets, satellites, asteroids, comets, meteorites. Celestial sphere, coordinate systems, time intervals, motion, physical attributes of various members of our solar system; space program findings. Opportunity to observe through University telescope.

**GC 1162. Physical Science: Stellar Astronomy.** (4 cr; BC; UCEC only)
Introductory study of large-scale structure of universe. Definition and measurement of certain properties of stars: magnitude, distance, temperature, size. Spectral classification of stars, nebulae, pulsars, black holes, galaxies, quasars; theories of relativity, cosmology, cosmogony. Opportunity to observe through University telescope.

**GC 1163. Physical Science: Principles of Physics.** (5 cr; prereq elementary algebra or 0621; TC)
Aspects of mechanics and electricity. Lectures, discussions, lecture experiments, demonstrations; no separate lab. Problem solving to prepare students for higher-level physics.
GC 1166. Physical Science: Principles of Chemistry. (5 cr; prereq GC 0621 or Math Level “D” or high school algebra or equiv; BC)
Fundamental principles and laws. Problem-solving techniques. Classification of matter, elements, atomic and molecular structure, compounds, mole calculations, chemical bonding, empirical formulas, chemical reactions, stoichiometry, enthalpy, gas laws, solutions, solution concentrations, acids and bases, organic chemistry. No separate lab.

GC 1171. Physical Geology. (5 cr; 5 lect, 2 or more lab hrs per wk; BC)

GC 1172. Historical Geology. (5 cr; 5 lect, 2 or more lab hrs per wk; BC)
Principles of geology used to unravel Earth’s past, as recorded by rocks and fossils. Development of Earth’s physical and chemical features through time, with changing patterns of life as a response. Problem solving, logical deductions from facts emphasized. Self-paced lab: identification and interpretation of rocks, fossils, geologic maps, ancient environments and geographies.

GC 1173. Geology of the National Parks. (5 cr; TC)
Processes that produced spectacular scenic and geologic features of North America’s national parks and monuments, described using a regional approach. Basic geology (minerals, rocks, maps, geologic time) introduced as needed. Landscapes and their origins, based on map work, emphasized. Lecture and lab integrated. Students work mostly in groups.

GC 1211. People and Problems. (5 cr; BC)
Interdisciplinary, cross-cultural study of major political and economic problems of human society. Problems such as employment, inflation, energy, pollution, war, and distribution of power examined from social sciences perspective.

GC 1221. Minnesota History. (5 cr; TC)
Geography, native peoples, exploration, frontier settlement, statehood, economic development, politics, ethnic and social history.

GC 1231. United States: Growth of National Power. (5 cr; BC)
Change and continuity in American history from 1500s to present. Events, issues, and personalities illustrating evolution from colonialism to strong national government, individual enterprise to development of welfare state, frontier security to international peacekeeping.

GC 1232. United States: Growth of American Technology. (5 cr, §3232; TC)
Interdisciplinary examination of some major areas of American technology; development as part of an interconnected system of inventors and entrepreneurs interacting with historic, geographic, economic, and political factors/forces here and abroad.

GC 1233. United States: Government and Politics. (5 cr; BC)
Major institutions of American national government and politics in context of their recent social-historical development. Becoming a well-informed and active citizen emphasized through writing short papers requiring updated understanding of political events.

GC 1235. United States: Law in Society. (5 cr; BC)
How American legal system deals with major social conflicts and controversies—abortion, pollution, child abuse, gay rights, crime, minority rights, and constitutional freedoms. Nature and structure of law; court systems; criminal, juvenile, environmental, and family law; law of death.

GC 1236. United States: The Crime Problem. (5 cr; BC)
Nature and causes of crime in the United States. Case examples of violent, individual white-collar, corporate, and organized crime examined using concepts from several academic disciplines. Evaluation of current and proposed public policies designed to reform criminal justice system and alleviate the crime problem.

GC 1241. Historical Biography. (4 cr [may be repeated for max 8 cr]; TC)
Roles of diverse historic and contemporary figures in influencing and being influenced by the times in which they lived (Civil War or World War II/Cold War eras).

GC 1251. World History. (5 cr; BC)
General historical framework covering major world cultures in three time periods: from beginnings of history in Mesopotamia to “axial year” 500 B.C., from 500 B.C. to age of Columbus, and from Columbus to present.

GC 1252. World Politics. (5 cr; TC)
Comprehensive theoretical introduction to contemporary international relations, post-World War II international politics, and role of United States in the world. Political development of selected countries in Latin America, Middle East, East Asia, Eastern Europe, and former Soviet Union. In addition to course texts, use of The New York Times will help integrate coursework with actual events.

GC 1275. Consumer Transactions and Law. (4 cr; TC; UCEC only)
Relationship between consumer marketplace and law. Focus on preventive law for consumer seller-buyer at pre-agreement, agreement, and post-agreement stages of consumer transactions. Legal self-sufficiency as cost-saving, effective consumer technique emphasized as applied skill. Topics include general introduction to consumer law, deceptive practices and legal regulation of marketing techniques, extending credit, usury regulation, product warranty issues, security agreement regulation, debtor default and creditor collection remedies, buyer/seller remedies for contractual non-performance, product liability for defective goods, and debt counseling and bankruptcy concerns.

GC 1281. Psychology in Modern Society. (5 cr; BC)
Introduction to science of human behavior. Analysis of research methods used in observing and drawing conclusions about behavior, development of behavior, human biological and social motives, place of emotion and conflict in human adjustment, how the individual perceives the environment and learns from it, and psychology of behavior in groups.

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GC 1282. Psychology Applied to Human Affairs. (4 cr; prereq grade of A or B in 1281 or Psy 1001; GC 1422 or Comp 1011 recommended; TC)
Improve skills in writing psychology research papers by reading journal articles, writing literature reviews, collecting and reporting data, and presenting papers in class. Explore major fields of applied psychology (educational psychology, psychotherapy, industrial psychology, applied social psychology).

GC 1283. Psychology of Human Development. (5 cr; TC)
Growth and development from conception through old age. Physical, motor, social, cognitive, and psychological development. Integrating facets of development to understand an individual as a complex organism in a complex world.

GC 1284. Behavior Problems of Children. (4 cr; TC)
Identification of maladaptive behavior/copings with children demonstrating such behavior. Dynamics of behavior seen at home, in schools, and in social relationships. Effects of heredity, family experience, peer pressure, and socioeconomic class on development of behavior problems in children.

GC 1285. Cultural Anthropology. (5 cr; BC)
Human culture viewed as integrated system of learned and shared knowledge that guides behavior of all members of given society. Attempt to develop generalizations about influence of culture on human behavior by analyzing and comparing ways of life in wide range of cultures. Power of culture to shape personality and power of individuals to alter cultures.

GC 1287. Teaching Internship: Introductory Psychology. (3 cr; prereq 1281, #; TC)
Students serve as teaching interns for GC 1281. They work with students in and out of class, attend weekly seminars, and write a research paper based on library research in psychology.

GC 1294. Economics in Contemporary Society. (5 cr; §1295 or 1296; BC)
Economist’s vocabulary: topics such as supply and demand, fiscal and monetary policies, taxation and welfare, production, growth and unemployment, energy, GNP, and alternative systems.

GC 1297. Teaching Internship: Economics in Contemporary Society. (3 cr; prereq 1294, #; TC)
Students serve as teaching interns for GC 1294. They work with students in and out of class, attend weekly seminars, and write a paper based on research or readings related to economics.

GC 1311. Art: General Arts. (4 cr, §3311; BC)
Examines diverse cultures’ representative works of art (painting, sculpture, architecture, literature, music) to discover how and why art is created and to enable students to formulate and evaluate ideas and attitudes about it. Intensive writing component.

1312. Identity, Community, and Culture: Connections in the Arts and Humanities. (5 cr; A-F only; BC)
Understanding identity and community as expressed in multicultural arts and humanities. Through readings, multimedia presentations, discussions, writing, and making art, students learn about culturally diverse visual, literary, and performing arts. Team-taught.

GC 1331. Musical Heritage. (4 cr; TC)
Examines music concepts that may vary when dealing with the musical heritage of different cultures. African, Asian, European, North American, and South American musics. Indigenous musical cultures and their values in the United States.

GC 1357. World Religious Beliefs. (5 cr; prereq 30 cr, GC 1422 or equiv; TC)
Explores beliefs, rituals, and attitudes of the world’s major religions and many parallel traditions in their historical, social, and cultural settings. Intensive writing component.

GC 1364. Literature of the American Immigrant Experience. (4 cr; prereq Commanding English enrollment, #; BC)
Explores American immigrant experiences, both historical and contemporary, through readings in fiction, expository prose, biography, and oral history.

GC 1365. Literatures of the U.S. (4 cr; prereq GC 1421 or equiv with grade of C- or higher; BC)
Introduction to late 19th- and 20th-century U.S. literature: artistic, historically significant portraits of diverse peoples’ conflicts and relevance to current debates about telling “the American story” from multicultural perspectives.

GC 1366. Literature: Images of Women in Literature. (5 cr; BC)
Images of women (such as submissive wife, sex object, woman alone, and liberated woman) as presented in short fiction, drama, and poetry, and occasionally in advertising, movies, and television. Problems and concerns of women as writers, as expressed in diaries and essays of such writers as Virginia Woolf and Tillie Olson.

GC 1367. Contemporary Literature: International Perspectives. (4 cr; BC)
Readings in fiction, poetry, drama, and autobiography from contemporary writing not originating in the United States. Comparative focus. Extensive formal and informal written assignments, as well as lecture and discussion.

GC 1371. Literature: Reading Short Stories. (4 cr; BC)
Emergence and development of short story form; emphasis on recent works by writers of diverse backgrounds (ethnicity, family orientation). How authors use specific elements of short story genre to effectively express their ideas about human experience. Intensive writing component.

GC 1374. The Movies: An Introduction. (4 cr; BC)
Film as art. Appreciation, aesthetics, and interpretation. Composition, editing, sound, movement, acting, literature. Students view films in class, may read film scripts, and write essays analyzing cinematic art. Multicultural perspectives.

GC 1375. Film and Society. (4 cr; prereq completion of 24 cr; TC)
Films as medium for social and cultural expression. Problems of individuals’ values or identities in conflict with societal demands or constraints (e.g., racism, sexism, urban living, family living, aging, politics, education, sexual mores, adolescence). Multicultural perspectives. Much analytical writing.
GC 1421. Writing Laboratory: Basic Writing. (4 cr, §1412 before fall 1981; BC)
Students write on various topics in response to reading and discussion. Personal help with writing problems. Emphasis on clear and effective written expression through extensive writing and revision. Requires microcomputer use.

GC 1422. Writing Laboratory: Communicating in Society. (4 cr, §1423; prereq 1421; BC)
Primarily through expository writing, but also through reading and discussion, students analyze how people communicate in society: how they perceive events and ideas, how they think and write about them. Extensive writing practice. Requires microcomputer use.

GC 1423. Writing Laboratory: Community Service Writing. (4 cr, §1422; prereq 1421, ≠ BC)
Students complete a variety of writing tasks involving description, research, and analysis based on work in a community-based setting and on assigned readings. Students spend six to ten hours per week at an off-campus site for about six weeks of the quarter. Extensive research and writing practice. Requires microcomputer use.

GC 1454. Statistics. (5 cr; prereq intermediate algebra or 0631; TC)
Introduction to modern statistics emphasizing problem solving through statistical decision making. Organization and presentation of data, summary statistics, sampling, probability, distributions, simple estimation, correlation, hypothesis testing.

GC 1456. Functions and Problems of Logic. (4 cr, GC §1442; TC)
Introduction to three formal (symbolic) techniques for evaluating validity of arguments: Venn diagrams, truth tables, and method of formal proof. Emphasis on translating English statements into a symbolic system and improving skills in working with abstract, formal tools to understand structure and complexity of valid reasoning.

GC 1461. Oral Communication: Speaking and Creative Thinking. (4 cr; BC)
In conversations, discussions, and prepared speeches, students share ideas, attitudes, and experiences with others; examine how language functions as means of communication. Modes and methods of creative thinking are explored in relation to effective oral communication. Students listen and respond to communication of others and comment on what they see, hear, and feel.

GC 1463. Multicultural Oral Communication. (4 cr; BC)
Multicultural communication theories and experiences, multicultural approaches to conflict management, diverse verbal and nonverbal communication patterns. Individual and group projects.

GC 1464. Oral Communication: Group Process and Discussion. (1-4 cr; BC)
Nature of groups, how they form and function, what purpose they serve in our society, and how leadership and other role behaviors emerge from their structure. Diverse group projects and activities; skills and theory especially adapted for the professional setting.

GC 1481. Creativity: Art Laboratory—Experiences in the Media. (4 cr; BC)
Opportunity for creative experiences in a variety of artistic media. Students work individually and in groups to develop creative awareness and abilities and to explore personal and cultural art issues. Includes creating art, reading, writing, and discussions.

1482. Computer Graphics. (4 cr; BC)
Generate and develop artistic ideas into finished works using a graphics software program. Individual and group work to explore artistic thinking and problem solving. Microcomputer use, reading, writing, and discussion.

GC 1483. Music Laboratory. (4 cr; open to students with or without previous musical training; BC)
Reading, writing, and performing music notation. Includes note names, rhythm, and meter symbols, key signatures, scales, musical texture, formal structure, and basic harmony. Opportunity to compose.

GC 1485. Creativity: Photography I. (4 cr; BC; UCEC only)
Instruction in use of cameras, basic optics, film and paper emulsions, and similar topics. Darkroom work with basic techniques, film developing, and paper printing. Students must have a camera; a 35mm camera is preferred but not required.

GC 1511. Introduction to Business and Society. (5 cr; BC)
Overview of business in U.S. economic and social life. Economics, marketing, management, finance, law, international business. Ethics, environmentalism, consumerism, cultural diversity. Students develop awareness of their role as consumer, worker, citizen.

GC 1513. Small Business Fundamentals. (4 cr; TC)
Societal forces that affect small business ventures. Students explore opportunities to market products/services and purchase or manage an existing firm. Finance, marketing, management, legal and ethical issues, writing a business plan.

GC 1534. Practical Law. (5 cr; TC)
Introduction to American legal process. Structure, substance, and process of law; common everyday legal matters dealing with crimes, contracts, personal injury, property ownership, consumer purchases, employment, and financial transactions.

GC 1537. Professional Selling. (4 cr; TC)
To apply knowledge and skills from many fields for a professional sales career, students develop understanding of related theories and their applications. Format includes lecture/discussions, guest speakers, films, and case problems; techniques practiced in small-group activities include role playing, sales demonstrations, and videotaping. Qualifications needed for successful career in sales; opportunities and pitfalls.

GC 1540. Accounting Fundamentals. (4 cr; TC)
Introductory course for those who plan continued study in accounting or are interested in other business fields. Balance sheet and income statement methodology; accounting cycle for both service and merchandising businesses; examination of special journals, inventories, receivables, and accounting for plant and equipment. Lectures, discussions, and frequent homework assignments.
GC 1571. Introduction to Microcomputer Applications. (5 cr; prereq elem algebra; TC)
Self-paced, hands-on course covering both IBM and Macintosh computers. E-mail, word processing (Microsoft Word), spreadsheets (Microsoft Excel), databases (Microsoft Access). Emphasis on using applications in practical ways.

GC 1572. Introduction to Computer Programming. (5 cr, §3571; prereq 1571 or IBM microcomputer exper; TC)
Self-paced, hands-on course in which students design, write, code, and run BASIC programs. Emphasis on writing structured programs for social sciences. Provides excellent background for further programming courses. Most coursework may be done on classroom microcomputers.

GC 1575. Introduction to Computers. (4 cr; prereq 0621 or 1435; BC)
Developing computer literacy. Historical development, hardware, operating systems, database management, systems development, economic and social impact, and applications. Students program representative problems in BASIC. Some work on computers outside of class required.

GC 1587. Teaching Internship for General College Law Courses. (1-3 cr; prereq 1235 or 1534, 1587 with at least a B+ in each [may be repeated for max 9 cr]; TC)
Students serve as teaching interns for GC law courses. Work with students in and out of class in regular tutorial sessions; research, lecture, prepare and grade written assignments, quizzes, and exams.

GC 1701. Psychology of Personal Effectiveness. (4 cr; BC)
Psychological concepts of personal and social adjustment: understanding one’s personality, managing personal problems effectively, developing interpersonal skills, making good decisions. Active learning, group discussion, written projects, homework, tests. Class discussion and individual projects based to large extent on students’ experiences, needs, and interests.

GC 1721. Marriage, Family, and Personal Fulfillment. (5 cr; TC)
Psychological, social, and biological aspects of marriage and family living. Helping students gain understanding of, and self-awareness concerning, such areas as dating, mate selection, getting married, having children, and sexuality. Adjustments outside of traditional marital and family relationships.

GC 1733. Contemporary Sex Roles. (5 cr; TC)
Social roles and related expectations, informal and formal roles, role modification, and role reversal. Overcoming sexual stereotyping. Focus on analyzing the openness and rigidity of sex roles in childhood socialization; education; mate selection; marital, parental, and homemaking roles; occupations; and social trends.

GC 1814. The American Indian in American Law. (4 cr; TC)
Complex and extensive U.S. law relating to American Indians as reflection of attitudes of dominant society toward this minority group. Position of Indian people in contemporary American society. Not detailed study of aspects of legal system, but overview of developmental and historical line: from Spain’s Law of the Indies, through French and British colonial legislation, to U.S. federal and state law and treaties, culminating in consideration of civil and personal rights of Indian citizens in the 1990s.

GC 1816. African American Literature. (4 cr; prereq 1421, 1422; TC)

GC 1836. Asian American Literature. (4 cr; prereq 1421 or equiv with grade of C- or higher; BC)
Analyzing prose, poetry, and drama by Asian American authors. Exploring challenges of self and family functioning within society—becoming disoriented during immigration, respecting parents/ancestors, coping with peer pressure, confronting ethnic stereotypes and biased attitudes, establishing and celebrating identity.

GC 1837. Asian American Women. (4 cr; TC)
History and current socioeconomic status of Asian American women from their perspective. Analysis of books, autobiographies, articles, and literary works by or about Asian women in the United States from mid-19th century to present.

GC 1851. Multicultural Relations. (4 cr; BC)
Examines nature of historical and contemporary multicultural relationships in American society. Systems of oppression and their connection to power and privilege analyzed through concepts of race, class, gender, stereotypes, ideology, language, and social control.

Next page: Spring 1996 rallies in support of continued student access to the University of Minnesota through the General College.