
GENERAL EDUCATION COURSE DESCRIPTIONS

The Minnesota Transfer Curriculum is the means by which students transfer their completed lower division general education work at one public college or university to meet lower division general/liberal education requirements at any public college or university in Minnesota. The transfer curriculum commits all public colleges and universities in the state of Minnesota to a broad educational foundation that integrates a body of knowledge and skills with study of contemporary concerns—all essential to meeting individuals' social, personal, and career challenges. The competencies people need to participate successfully in this complex and changing world are identified by areas of emphasis.

The following courses fulfill the requirements included in the Minnesota Transfer Curriculum in the area of Written and Oral Communication:

COMM1300 Analytical Writing

This course is designed to develop the writing, research and analysis skills necessary for success in academic work. Students will analyze and discuss critically readings from the text. They will plan, write, and revise personal essays and work effectively in peer evaluation groups. They will develop research skills in a variety of projects, culminating in one extensive research paper.

Prerequisites: Must have earned a 73 or above on the CPT Conventions of Written English test or its equivalent. Or must have completed an approved developmental writing course with a "P" if pass/fail or a "C" or above if graded.
(4 C: 4 lect/pres, 0 lab, 0 other)

COMM1320 Introduction to Speech Communication

Students will study the history and need for communication in our daily lives. Interpersonal communication, small group communication and public speaking will also be studied as integral elements in the communication process. Students will be encouraged to study theory, think critically, organize clearly, and speak and listen effectively.

Prerequisites: None
(3 C: 3 lect/pres, 0 lab, 0 other)

The following course fulfill the requirements included in the Minnesota Transfer Curriculum in the area of Humanities:

ENGL1300 Introduction to Literature

An introduction to the study of creative literature in order to engage in critical analysis, form aesthetic judgments and develop an appreciation of

literature as essential to the survival and enrichment of society.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded.
(3 C: 3 lect/pres, 0 lab, 0 other)

The following course fulfills the requirements included in the Minnesota Transfer Curriculum in the area of Critical Thinking:

CRTK1300 Introduction to Critical Thinking

This is a practical course in critical thinking. It develops monological and multilogical and ethical reasoning skills and explores creative and logical approaches to problem solving. It examines how our thinking skills affect our personal identities, our relationships with others, and our understanding of culture. It analyzes systems of ideas, multiple perspectives on issues, and differing analytical approaches. It develops the higher order thinking skills, intellectual values, and the qualities of thought important for personal integrity, academic success, and effective citizenship.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded.
(3 C: 3 lect/pres, 0 lab, 0 other)

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The following courses fulfill the requirements included in the Minnesota Transfer Curriculum in the area of Natural Sciences:

BLGY1300 Human Anatomy & Physiology I

Structure and metabolic activity of organ systems including muscular, skeletal, nervous, and integumentary.

Prerequisites: None

(4 C: 2 lect/pres, 2 lab, 0 other)

BLGY1302 Human Anatomy & Physiology II

Structure and metabolic activity of organ systems including circulatory, respiratory, digestive, excretory, endocrine, and reproductive.

Prerequisites: BLGY1300

(4 C: 2 lect/pres, 2 lab, 0 other)

PHYS 1300 General Physics

This is an introductory course in Physics and its applications. This course is designed for students who have no previous experience in physics.

However, a good working knowledge of algebra is assumed. The primary goals of this course are to help individuals acquire a solid foundation in the basic theory and application of classical physics and to apply these skills through problem solving, simulation, and laboratory experiments. Topics include: linear and rotational motion, vectors, forces and equilibrium, work and energy, momentum, properties of solids, liquids and gases, heat and thermodynamics, waves and sound.

Prerequisites: TECH1500 or MATH1300 or Instructor Approval. Students wishing additional assistance in understanding the applications of the principles of physics and problem solving may choose to have concurrent registration with PHYS1302.

(4 C: 3 lect/pres, 1 lab, 0 other)

PHYS 1302 Physics Principles and Problem Solving

This course is designed for students who are enrolled in General Physics (PHYS1300) and have no previous experience in physics. The primary goal of this course is to assist individuals in understanding the application of the basic theories of classical physics through additional explanations and problem solving. Topics include:

linear and rotational motion, vectors, forces and equilibrium, work and energy, momentum, properties of solids, liquids and gases, heat and thermodynamics, waves and sound.

Prerequisites: TECH1500 or MATH1300 or Instructor Approval. Concurrent registration with PHYS1300 General Physics.

(1 C: 1 lect/pres, 0 lab, 0 other)

The following courses fulfill the requirements included in the Minnesota Transfer Curriculum in the area of Mathematical/Logical Reasoning:

MATH1300 College Algebra

This course covers topics typically addressed in a college algebra course. The course is designed for students who have good elementary and applied algebra skills. The primary goals of this course are to help individuals acquire a solid foundation in the basic skills of college algebra and to show how college algebra can be used to model and solve authentic real-world problems.

Prerequisites: Elementary and Applied Algebra skills, or consent of Instructor.

(3 C: 2 lect/pres, 1 lab, 0 other)

MATH1320 College Trigonometry

This course covers topics typically addressed in a college trigonometry course. The course is designed for students who have good algebra skills and need to understand trigonometric functions and their applications. The primary goals of this course are to help individuals acquire a solid foundation in the basic skills of college trigonometry and to show how college trigonometry can be used to model and solve authentic real-world problems.

Prerequisites: TECH1500 or MATH1300, or Instructor Approval.

(2 C: 1 lect/pres, 1 lab, 0 other)

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The following course does not fulfill the requirements included in the Minnesota Transfer Curriculum:

MATH1330 Cultural Mathematics

This course is an investigation into the nature of mathematics and the application of mathematics to varied disciplines including the arts and sciences across cultures. Students will experience mathematics as a creative and evolving discipline. Topics include critical thinking, sets, logic, number systems, algebra, graphs, functions, linear equations, inequalities, metric system, geometry, probability, and statistics. Emphasis will be placed on applications in these topic areas.

Prerequisites: None

(3 C: 3 lect/pres, 0 lab, 0 other)

TECH1522 Manufacturing Math

This course will focus on the practical applications of applied geometry and trigonometry. Students will be involved in problem solving as it relates to industrial manufacturing and trade applications.

Prerequisites: TECH1500

(3 C: 3 lect/pres, 1 lab, 0 other)

The following courses fulfill the requirements included in the Minnesota Transfer Curriculum in the area of History and the Social and Behavioral Sciences:

PSYC 1300 Introduction to Psychology

Survey of contemporary scientific psychology. Includes: biological bases of behavior, cognitive mechanisms, learning and behavioral adaptation, development, social influences, personality, disorders and treatment.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded.

(3 C: 3 lect/pres, 0 lab, 0 other)

PSYC 1304 Life Span Developmental Psychology

Life Span Psychology is both intriguing and biol-

graphic because each of us is constantly developing. The course examines human biosocial, cognitive, and psychosocial development in diverse contexts from "Womb to Tomb". It includes coverage of scientific discoveries and theories; critical analysis of evidence supporting or contradicting those theories; basic concepts and terminology, integration of personal experience and developmental theory and research; and related current public policy and diversity issues.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded.

(3 C: 3 lect/pres, 0 lab, 0 other)

DVRS 1304 Diversity and Social Justice

See complete course description in the Human Diversity area below.

The following courses fulfill the requirements included in the Minnesota Transfer Curriculum in the area of Human Diversity, History, or Social and Behavioral Science:

DVRS 1300 Introduction to Multicultural Literature

This course provides a broad introduction to multicultural literature. Students will read, discuss, and analyze various types of multicultural literature. Literature to be studied may include the following: Native American, Holocaust, African American, Japanese American, Latino/Latina, Chicano/Chicana, Vietnam War, Gay/Lesbian, or Chinese American.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded.

(3 C: 3 lect/pres, 0 lab, 0 other)

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DVRS 1304 Diversity and Social Justice

This course uses critical thinking and questioning to define, recognize and analyze individual, institutional and cultural/societal racism, sexism, classism, heterosexism and other forms of oppression. It will focus on development of practical skills for eliminating racism, sexism, classism, heterosexism and other oppressive elements from personal, professional and public life.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded. (3 C: 3 lect/pres, 0 lab, 0 other)

The following course fulfills the requirements included in the Minnesota Transfer Curriculum in the area of Global Perspective.

GEOG1300 World Regional Geography

A survey of the physical, cultural, economic and political features of the world's geographic regions. Identification of world's countries and major cities.

Prerequisites: None
(3 C: 3 lect/pres, 0 lab, 0 other)

The following courses fulfill the requirements included in the Minnesota Transfer Curriculum in the area of Ethical and Civic Responsibility:

CVIC 1304 Introduction to American Politics

This is an introductory course on political philosophies (democracy, totalitarianism, etc.), political institutions (global, federal, state, and local governmental systems), and processes (how a bill becomes a law, etc.). Team learning, community involvement and off-campus activities such as city council meetings are used as teaching tools.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test

Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded.
(3 C: 3 lect/pres, 0 lab, 0 other)

HLTH1484 Ethics for Health Careers

This course prepares health and human service students and graduates for situations they will face in their professional lives that have an ethical component. The students will learn basic ethical theory and concepts. This theory will be used as they apply practical approaches to identify and deal with common problems in their chosen fields.

The following course fulfills the requirements included in the Minnesota Transfer Curriculum in the area of People and the Environment:

ENVR1300 Introduction to Urban and Regional Studies

This course explores the political, economic, social and architectural aspects of towns, cities and suburbs. Students will actively analyze community problems (parking, development, historical preservation, etc.) and participate in the processes which address these problems (city government, planning committees, etc.). This is a hands-on course designed to explain local and urban affairs and to have students participate in the processes which affect our cities, towns and rural areas.

Prerequisites: This is a reading intensive course. New students (non-transfer or non-continuing students) must have earned a 71 or above on the ACCUPLACER Computerized Placement Test Reading Comprehension subtest or its equivalent. Or they must have completed an approved developmental reading course with a grade of "P" Pass if Pass/Fail, or "C" or above if graded.
(3 C: 3 lect/pres, 0 lab, 0 other)

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The following course does not fulfill the requirements included in the Minnesota Transfer Curriculum:

CPTR 1300 Exploring Computers

Students will gain an understanding of computer hardware and software in addition to becoming familiar with terminology used in the computer world using the Microsoft Office Suite. They will gain hands-on experience with and an understanding of word processing, database management and spreadsheet programs. This course teaches the appreciation of the moral and social implications of computer technology, computer applications used in today's society, the human factors involved in the use of computers, and will review the development of computers.

Prerequisites: BUSM1207, Instructor Approval, or equivalent keyboarding skill
(3 C: 2 lect/pres, 1 lab, 0 other)

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