

A Closer Look

Special features

- > Established MnTransfer and technical education pathways
- > College and high school credit classes with students from high schools across Minnesota
- > Recorded high student achievement and positive feedback
- > Classes taught online by credentialed college faculty

Participating high schools provide students

- > Dedicated time and access to a networked computer
- > Support from a local proctor
- > Payment of the tuition
- > Purchase and provision of course required books

The Student

Online students are independent and on task

- > Online learning requires students to be motivated, work independently and devote a sufficient number of hours each week to a course. Students work on and complete assignments according to faculty assigned timelines.

Student eligibility requirements

- > Meet minimum ACCUPLACER or ACT test scores
- > Meet course pre-requisites
- > Maintain 2.0 cumulative college GPA
- > Complete 67% of the credits for which they register
- > Eligible sophomores allowed in only one Career and Technical (CTE) courses for their first semester

Fall 2018 Course Offerings:

Career and Technical Courses:

- Accounting I – Financial Accounting
- Intro to Agriculture
- Family Community Relations
- 360 Career Success Skills
- Intro to Health Professions
- Medical Terminology
- Introduction to Computers
- Minnesota Criminal Code
- Principles of Marketing

MnTransfer Curriculum Courses:

- Anatomy and Physiology 1
- Cultural Anthropology
- Public Speaking
- Intro to Economics
- Composition I
- Introduction to Literature
- World Regional Geography
- World History to 1500
- Principles of Trig**
- College Algebra**
- Intro to Philosophy
- Ethics
- Bioethical Issues in Contemporary Society
- General Physics I
- American Government & Politics
- General Psychology
- Intro to Sociology
- Interpersonal Communications

**Take together as equivalent to Pre-calculus

Spring 2019 Course Offerings:

Career and Technical Courses:

- Accounting II – Managerial Accounting
- Planning/Implement Curriculum
- 360 Manufacturing Process & Prod Quality Practices
- Networking I
- Information Systems
- Medical Terminology
- Introduction to Computers
- Traffic Law
- Computer Assisted Drafting 3D (laptop provided)

MnTransfer Curriculum Courses:

- Anatomy and Physiology 2
- Advanced Physiology
- Principles of Nutrition
- Microbiology
- Concepts of Biology
- Social Media Communications
- Microeconomics
- Composition II
- Introduction to Film
- World History 1500-present
- Calculus I
- World Music
- General Physics II
- Life Span Psychology
- Abnormal Psychology
- Social Problems
- Beginning Spanish 1
- Public Speaking

Courses are taught by

Alexandria Community and Technical College | Northland Community and Technical College | Northwest Technical College

Additional information available at: www.OnlineCollegeintheHighSchool.org

Campus locations are members of the Minnesota State colleges and universities, an Equal Opportunity educator/employer.

Fall 2018 Course Descriptions

Career and Technical Courses:

ACCT 2201

Course ID: 263000080
Sec #: 70

NTC Federal School Code: 005759

Accounting I – Financial Accounting (NTC)

This course is an introduction to the fundamental accounting concepts and principles used to analyze and record business transactions. Topics include the accounting cycle, accounting for a merchandising business, accounting system design, inventory and depreciation methods, calculating payroll.

Prerequisites: None

4 credits

Fall 2018

AGRG 1100

Course ID: 303000633
Sec #: 70

NCTC Federal School Code: 002385

Introduction to Agriculture (NCTC)

Students will learn and understand different facets of the food, fiber and environmental system in the field of Agriculture. Students will explore the food, fiber and services of the agriculture community at the local, state, national and world wide levels.

Prerequisites: None

3 credits

Fall 2018

CHCA 1240

Course ID: 203000001
Sec #: 70

ATCC Federal School Code: 005544

Family/Community Relations (ATCC)

This course helps professionals working with young children increase their understanding of diverse families and provides an opportunity to examine how current societal and community issues impact the development of children and the well-being of families. The changing role and structure of families, cultural diversity/dynamics, bias, public education, housing, employment, crime, healthcare, legal services, and social services are explored.

Prerequisites: None

3 credits

Fall 2018

CMAE 1528

Course ID: 263000077
Sec #: 70

NTC Federal School Code: 005759

Career Success Skills (NTC)

This is an introductory career success skills course. The primary goals of this course are to help individuals acquire a solid foundation in the basic skills for a successful career. This course will identify the skills important to businesses and help the student assess his/her level of skill. The course will provide suggestions for how the student can improve his/her level of skill. This is an on-line course utilizing D2L and Screencast.

Prerequisites: None

1 credits

Fall 2018

HLTH 1101

Course ID: 303000625
Sec #: 70

NCTC Federal School Code: 002385

Introduction to Health Professions (NCTC)

This course provides the opportunity to explore allied health professions and will prepare the students with the necessary knowledge and skills to make an informed decision in choosing a health field program of study. The students will learn about the requirements, roles and responsibilities of various occupations in the health field through faculty presentations, resource exploration and interviews. Students will explore the various ethical, legal and financial factors influencing the healthcare system and the settings where health professionals are employed. Students will be encouraged to further their knowledge in a particular health career through participation in a shadowing experience or interview of a health professional.

Prerequisites: None

3 credits

Fall 2018

HLTH 1106

Course ID: 303000626
Sec #: 70

NCTC Federal School Code: 002385

Medical Terminology (NCTC)

This course covers prefixes, suffixes, and word roots used to compose medical terms. Students learn to spell, pronounce, define, analyze, and formulate terminology related to body structure, disease, diagnosis, and treatment. Medical abbreviations are also covered.

Prerequisites: None

2 credits

Fall 2018

ITEC 1430

Course ID: 203000002
Sec #: 70

ATCC Federal School Code: 005544

Introduction to Computer (ATCC)

This course introduces the components of a personal computer, computer terminology, the internet, email, and the creation of documents, presentations, worksheets, and databases through hands-on experience with the Microsoft Windows operating system and the Microsoft Office Suite (Word, PowerPoint, Excel, Access, and Outlook). This course is designed as a general education course for all learners, regardless of their career choice. This course enhances the learner's knowledge and understanding of computers and their awareness of how computers impact their lives. Prerequisite: Keyboard proficiency is recommended.

Required software: Windows 7 or higher and Microsoft Office Professional 2016.

Prerequisite: Keyboard proficiency is recommended.

3 credits

Fall 2018

LENF 1629

Course ID: 203000003
Sec #: 70

ATCC Federal School Code: 005544

Minnesota Criminal Code (ATCC)

Learners receive instruction in police interaction regarding victimization, hate/bias motivated crimes, domestic abuse, people with disabilities, and racial and ethnic diverse populations. Contemporary community policing concepts are taught. This course meets Minnesota Police Standards and Training (POST) requirements.

Prerequisites: None

3 credits

Fall 2018

Fall 2018 Course Descriptions

Career and Technical Courses: continued

MKTG 2100 Course ID: 263000081 Sec #: 70 NTC Federal School Code: 005759	Principles of Marketing (NTC) This course introduces learners to the dynamic field of marketing. This course is a comprehensive study of the marketing principles and concepts and their application to a changing business world. Prerequisites: None	3 credits Fall 2018
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Fall 2018 Course Descriptions

Minnesota Transfer Curriculum Courses:

Please see the [MN Transfer Curriculum website \(www.mntransfer.org\)](http://www.mntransfer.org) as a resource.

ANTH 1110 Course ID: 263000078 Sec #: 70 NTC Federal School Code: 005759	Cultural Anthropology (NTC) This course meets Minnesota Transfer Curriculum goal areas 2 and 5. The course is meant to introduce learners both to the diversity of human cultures, to the diversity within each of them, with an emphasis on so-called traditional societies. It looks at the major human institutions: kinship and marriage, economic production and reciprocity, gender and domestic relations, political power and forms of stratification, religious and healing beliefs and techniques, rites of passage and the life cycle. It attempts to make sense of cultural relativity: how seemingly very different customs or institutions can actually be so similar, in structure or function; but also how apparently very similar institutions can, in different societies, be in fact so different. Prerequisites: None	3 credits Fall 2018
BIOL 2252 Course ID: 303000627 Sec #: 70 NCTC Federal School Code: 002385	Anatomy & Physiology I (NCTC) This course meets Minnesota Transfer Curriculum goal areas 3 and 10. Students study the structure, function, and disease processes of cellular physiology, homeostasis, integumentary, respiration, lymphatics, immunity, heart, blood, joints, skeletal and muscular systems in the human body. This course also investigates the impact of environmental influences on the human body as well as the effects of the environment and genetics on disease processes. This course includes 2 lecture hours and 2 lab hours per weeks. Prerequisites: None	3 credits Fall 2018
COMM 1415 Course ID: 203000004 Sec #: 70 ATCC Federal School Code: 005544	Public Speaking (ATCC) This course meets Minnesota Transfer Curriculum goal area 1. This course covers the theories, practices, and methods of public speaking, group problem solving, critical listening, and critiquing. The focus in this course is on the concepts of planning and delivering oral presentations and enhancing learner listening skills.	3 credits Fall 2018
ECON 1410 Course ID: 203000005 Sec #: 70 ATCC Federal School Code: 005544	Introduction to Economics (ATCC) This course meets Minnesota Transfer Curriculum goal area 5. This exploratory course introduces learners to basic facts, general terms, concepts, institutions, and theories which are most essential to an understanding of the United States economy.	3 credits Fall 2018
ENGL 1126 Course ID: 303000663 Sec #: 70 NCTC Federal School Code: 002385	Introduction to Literature (NCTC) This course meets Minnesota Transfer Curriculum goal area 6. This course includes the reading of literature, such as poetry, short stories and drama, and the writing of critical essays. Prerequisites: None	3 credits Fall 2018

Fall 2018 Course Descriptions

Minnesota Transfer Curriculum Courses: continued

ENGL 1410

Course ID: 203000006
Sec #: 70

ATCC Federal School Code: 005544

Composition I (ATCC)

This course meets Minnesota Transfer Curriculum goal area 1.

This course deals with the fundamentals of expository writing based on reading or personal experience. It stresses organization, the process of writing, English grammar, mechanics, and style. Emphasis is on the strategies of exposition as well as effective description and narration. This course offers students an introduction to the academic research process, as well. Students learn the process method of writing that can be utilized in business, academic, and creative writing.

Prerequisites: College level writing score on a placement test or a minimum grade of C in ENGL0900 (College Prep Writing).

3 credits

Fall 2018

GEOG 1470

Course ID: 203000007
Sec #: 70

ATCC Federal School Code: 005544

World Regional Geography (ATCC)

This course meets Minnesota Transfer Curriculum goal area 8.

This course is a broad overview of selected general geographic regions of the world and the discipline of geography.

3 credits

Fall 2018

HIST 1421

Course ID: 203000008
Sec #: 70

ATCC Federal School Code: 005544

World History to 1500 (ATCC)

This course meets Minnesota Transfer Curriculum goal areas 5 and 8.

This course is designed to provide an overview of world history from antiquity to 1500. Interpretations will focus on the political, social, economic, and cultural development of the World Civilizations.

3 credits

Fall 2018

MATH 1106

Course ID: 303000628
Sec #: 70

NCTC Federal School Code: 002385

Trigonometry (NCTC)

This course meets Minnesota Transfer Curriculum goal area 4.

This is a course designed to provide students with an adequate foundation in trigonometric functions, identities, solutions of triangles, inverse trigonometric functions, equations, complex numbers, and polar coordinates.

Prerequisites: MATH0094, or MATH0098, or appropriate Math assessment test score.

2 credits

Fall 2018

MATH 1110

Course ID: 303000632
Sec #: 70

NCTC Federal School Code: 002385

College Algebra (NCTC)

This course meets Minnesota Transfer Curriculum goal area 4.

This course covers basic algebraic operations, linear and quadratic equations and inequalities, variation, functions and their graphs, binomial expansion, theory of equations, rational equations, conic sections, exponential and logarithmic functions, and systems of equations. Students who have taken MATH1113 will not receive credit for this course.

Prerequisites: MATH0094, or MATH0098, or appropriate Math assessment test score.

3 credits

Fall 2018

PHIL 1405

Course ID: 203000009
Sec #: 70

ATCC Federal School Code: 005544

Introduction to Philosophy (ATCC)

This course meets Minnesota Transfer Curriculum goal areas 6 and 8.

This course will focus on ancient philosophers and how they have impacted society today.

Prerequisites: College level reading score on a placement test or a minimum grade of "C" in College Prep Reading (READ0900).

3 credits

Fall 2018

PHIL 1445

Course ID: 203000010
Sec #: 70

ATCC Federal School Code: 005544

Ethics (ATCC)

This course meets Minnesota Transfer Curriculum goal areas 6 and 9.

The course introduces learners to the field of ethics. The development of ethical standards is explored as related to the individual, government, business, and society. Contemporary social issues and personal ethical dilemmas are examined. Consequences of thinking and behaving ethically are analyzed.

Prerequisites: None

3 credits

Fall 2018

Fall 2018 Course Descriptions

Minnesota Transfer Curriculum Courses: continued

PHIL 2210

Course ID: 263000079
Sec #: 70

NCTC Federal School Code: 005759

Bioethical Issues in Society (NTC)

This course meets Minnesota Transfer Curriculum goal areas 6 and 9.

This course is an introduction to bioethical issues that arise in the contemporary practice of healthcare, and which are central to understanding healthcare in contemporary society. In addition to developing a basic understanding of standard moral theories, issues that rise with American culture for patients, providers, and planners of health care are examined. Examples of such issues include, but are not limited to, abortion, euthanasia, patient rights, informed consent, health care distribution and reform, genetic testing and research, and cloning. Prerequisite: None

3 credits

Fall 2018

PHYS 1111

Course ID: 303000629
Sec #: 70

NCTC Federal School Code: 002385

General Physics I (NCTC)

This course meets Minnesota Transfer Curriculum goal area 3.

This is the first of the introductory physics sequence with laboratory. This course gives a general theoretical and practical introduction to physics. Topics include: mechanics and gravitation, work and energy, heat and thermodynamics, vibrations and waves, electricity and magnetism, light and optics. A background in trigonometry is necessary. Prerequisites: Appropriate Math assessment score.

4 credits

Fall 2018

PLSC 1102

Course ID: 303000631
Sec #: 70

NCTC Federal School Code: 002385

American Government/Politics (NCTC)

This course meets Minnesota Transfer Curriculum goal areas 5 and 9.

This course is a study of the structure and functions of government at the national level and the relationship of the government to other social institutions and to the individual. Federalism, constitutionalism, interest groups, the media, parties and campaigns are among the topics that will be addressed. Prerequisite: None

3 credits

Fall 2018

PSYC 1445

Course ID: 203000011
Sec #: 70

ATCC Federal School Code: 005544

General Psychology (ATCC)

This course meets Minnesota Transfer Curriculum goal area 5.

This course is a basic introduction to psychology. Topics include its history, research methods, biological factors in behavior, sensation and perception, motivation and emotion, learning, intelligence, personality theories, human development, social behavior, and abnormal psychology. This course exposes learners to the basics of these topics.

Prerequisite: College level reading score on a placement test or a minimum grade of "C" in College Prep Reading (READ0900).

3 credits

Fall 2018

SOCS 1400

Course ID: 203000012
Sec #: 70

ATCC Federal School Code: 005544

Introduction to Sociology (ATCC)

This course meets Minnesota Transfer Curriculum goal area 5 and 8.

This course involves using the various sociological perspectives to examine the world around us. It introduces sociology as a discipline and sociological ways of understanding human social interaction and processes such as socialization, deviance, culture/society, and social change.

3 credits

Fall 2018

TSPCH 1103

Course ID: 303000630
Sec #: 70

NCTC Federal School Code: 002385

Interpersonal Communications (NCTC)

This course meets Minnesota Transfer Curriculum goal areas 1 and 2.

This course introduces the techniques necessary for effective one-to-one and small group communication. Topics included are communication principles and processes, self-concept, perception, emotions, verbal and nonverbal communication, listening and feedback skills, assertiveness, conflict resolution, interpersonal relationships, gender and cultural influences. Prerequisite: None

3 credits

Fall 2018

Spring 2019 Course Descriptions

Career and Technical Courses:

ACCT 2203

Course ID: 263000001
Sec #: 70

NTC Federal School Code: 005759

Accounting II – Managerial Accounting (NTC)

This course covers the accounting principles and concepts applicable to various capital structures. Additional topics may be covered.

Prerequisites: ACCT2201

4 credits
Spring 2019

CHCA 1340

Course ID: 203000001
Sec #: 70

ATCC Federal School Code: 005544

Planning/Implement Curriculum (ATCC)

This course examines the role of the teacher in early childhood settings. It applies the knowledge of child development as it relates to individual children, communities, curriculum, and communication activities.

Prerequisites: None

4 credits
Spring 2019

CMAE 1518

Course ID: 263000002
Sec #: 70

NTC Federal School Code: 005759

Manufacturing Process & Production Quality Practices (NTC)

This course is designed to align with the Manufacturing Skill Standards Council's (MSSC) assessment and certification system for Manufacturing Processes. The course curriculum is based upon federally-endorsed national standards for production workers. This course emphasizes Just-In-Time (JIT) manufacturing principles, basic supply chain management, communication skills, and customer service.

Prerequisites: None

2 credits
Spring 2019

CMAE 1522

Course ID: 263000003
Sec #: 70

NTC Federal School Code: 005759

Quality Practices (NTC)

Introduction to quality, including emphasis on corrective actions, preventative actions, control of documents, control of quality records, internal auditing of processes and control of non-conforming product. This course is designed to align with the Manufacturing Skill Standards Council's (MSSC) assessment and certification system for Quality Practices.

Prerequisites: None

2 credits
Spring 2019

CPTR 1136

Course ID: 303000121
Sec #: 70

NCTC Federal School Code: 002385

Networking I (NCTC)

This course will provide the student with an understanding of the 7-layer open systems interconnect (OSI) model and how the model relates to internet connectivity. Instruction includes basic network media such as wireless, fiber optic and copper and correct wiring techniques using industry standards. The importance of documentation and design criteria are included with an initial discussion on how networking protocols relate to network communication.

Prerequisites: None

4 credits
Spring 2019

CPTR 1138

Course ID: 303000122
Sec #: 70

NCTC Federal School Code: 002385

Information Systems (NCTC)

This course is an introduction to information systems used in a variety of organization types. Topics included an overview of the history of communications and information systems. Students are introduced to the many career opportunities available and the processes used in the development of information system using the system development life cycle.

Prerequisites: None

2 credits
Spring 2019

HLTH 1106

Course ID: 263000004
Sec #: 70

NTC Federal School Code: 005759

Medical Terminology (NTC)

This course covers prefixes, suffixes, and roots used to compose medical terms. The student learns to spell, pronounce, define, analyze, and formulate terminology related to body structure, disease, diagnosis, and treatment. Medical abbreviations are also included.

Prerequisites: None

2 credits
Spring 2019

ITEC 1430

Course ID: 203000002
Sec #: 70

ATCC Federal School Code: 005544

Introduction to Computers (ATCC)

This course introduces the components of a microcomputer, computer terminology, the internet, email, and the creation of documents, presentations, worksheets, and databases through hands-on experience with the Microsoft Windows operating system and the Microsoft Office Suite (Word, PowerPoint, Excel, Access, Outlook). This course is designed as a general education course for all learners, regardless of their career choice. This course enhances the learners knowledge and understanding of computers and their awareness of how computers impact their lives.

Required software: Windows 7 or higher and Microsoft Office Professional 2016.

Prerequisites: Keyboard proficiency is recommended.

3 credits
Spring 2019

Spring 2019 Course Descriptions

Career and Technical Courses: continued

LENF 2625

Course ID: 203000003
Sec #: 70

ATCC Federal School Code: 005544

Traffic Law/Selected Stat (ATCC)

Course meets MN Peace Officer Standards and Training (POST) learning objectives for MN Traffic and Selected Statutes (MN POST objectives 2.10.1 - 2.10.4). Course will prepare the learner for applying the objectives during practical exercises when the learner attends a MN POST approved Skills course. Prerequisites: None

3 credits

Spring 2019

ITEC 1430

Course ID: 203000004
Sec #: 70

ATCC Federal School Code: 005544

CAD 3-D (ATCC)

This course is an introduction to the solid modeling methods and software used in the field of engineering and drafting. The learner makes virtual solid models and drawings using AutoCAD Inventor software. The learner uses state-of-the-art computers and software to gain an understanding of processes and procedures involved. Prerequisites: None

3 credits

Spring 2019

Spring 2019 Course Descriptions

Minnesota Transfer Curriculum Courses:

Please see the [MN Transfer Curriculum website \(www.mntransfer.org\)](http://www.mntransfer.org) as a resource.

BIOL 1101

Course ID: 303000125
Sec #: 70

NCTC Federal School Code: 002385

Concepts of Biology (NCTC)

This course meets Minnesota Transfer Curriculum goal areas 3 and 10. Introduces non-science majors to the basic concepts of biology. Topics will include, but are not limited to, cell structure and function, genetics, hereditary and evolution, the diversity of life; including plants, animals, and microorganisms, and ecology. Lecture and lab. Prerequisite: None

4 credits

Spring 2019

BIOL 2130

Course ID: 263000005
Sec #: 70

NTC Federal School Code: 005759

Principles of Nutrition (NTC)

This course meets Minnesota Transfer Curriculum goal area 3. Principles of Nutrition provides an introduction to the basic concepts related to nutrients in foods and their metabolic functions. The course will also focus on methods for assessing nutritional status and dietary adequacy, as well as its applications to phases of the human life cycle. Prerequisite: None

3 credits

Spring 2019

BIOL 2221

Course ID: 263000006
Sec #: 70

NTC Federal School Code: 005759

Microbiology (NTC)

This course meets Minnesota Transfer Curriculum goal area 3. This course will discuss morphology, classification, growth requirements, transmission, control, and culturing of bacteria and other microorganisms of economic importance. Prerequisite: High School Biology

3 credits

Spring 2019

BIOL 2254

Course ID: 303000123
Sec #: 70

NCTC Federal School Code: 002385

Anatomy and Physiology II (NCTC)

This course meets Minnesota Transfer Curriculum goal areas 3 and 10. This is an advanced course that acquaints students with the structure, function, and disease processes of nerve tissue, central nervous, endocrine, digestion, nutrition, urinary, reproduction, development and genetic systems in the human body. This course will also investigate the impact of environmental influences on the human body as well as the effects of the environment and genetics on disease processes. This course includes 2 lecture hours and 2 lab hours per week. Prerequisite: None

3 credits

Spring 2019

BIOL 2256

Course ID: 303000124
Sec #: 70

NCTC Federal School Code: 002385

Advanced Physiology (NCTC)

This course meets Minnesota Transfer Curriculum goal area 3. This course will increase students' understanding of the mechanisms involved in the normal functioning of the human body, with lesser emphasis regarding the effects of disease on that function. Focus is on the interaction and integration of body processes. This course requires a thorough knowledge of basic anatomy and physiology. Prerequisite: BIOL2254, or instructor permission.

2 credits

Spring 2019

Spring 2019 Course Descriptions

Minnesota Transfer Curriculum Courses: continued

COMM 1485 Course ID: 203000005 Sec #: 70 ATCC Federal School Code: 005544	Social Media Communications (ATCC) This course meets Minnesota Transfer Curriculum goal areas 1 and 9. This course examines the history, rise, and growth of social media in the 21st century. Students will study how social media impacts communication in our social, political, and cultural worlds. Students will develop an understanding of effective and ethical communication practices with a variety of interactive web tools such as Facebook, Twitter, YouTube, Instagram, Snapchat, blogs, and podcasts will be explored. Prerequisite: None	3 credits Spring 2019
ECON 2201 Course ID: 303000126 Sec #: 70 NCTC Federal School Code: 002385	Microeconomics (NCTC) This course meets Minnesota Transfer Curriculum goal area 5. This course is a study of price systems that direct the production and consumption of goods and services with a major emphasis placed on understanding the behavior of individual households, firms, and industries. Prerequisites: None	3 credits Spring 2019
ENGL 1420 Course ID: 203000006 Sec #: 70 ATCC Federal School Code: 005544	Composition II (ATCC) This course meets Minnesota Transfer Curriculum goal area 1. This course is a continuation of Composition I (ENGL1410), with stress on analytical writing, research, and documentation of supporting evidence. Learners write critical analysis, cause/effect, and persuasive essays. Prerequisite: ENGL1410	3 credits Spring 2019
ENGL 1485 Course ID: 203000007 Sec #: 70 ATCC Federal School Code: 005544	Introduction to Film Studies (ATCC) This course meets Minnesota Transfer Curriculum goal area 6. This course has students viewing, analyzing, discussing, and writing about film on three levels: the narrative (how plot, character, theme, and more specific artistic techniques and devices like irony, symbolism, or allegory, for example, work together to constitute the narrative); the technical (how the director's choices in visual design, cinematography, editing, color, music, sound effects, and acting combine to create a specific viewing experience), and interpretive (identifying specific elements such as formula conventions and adaptive interpretations).	3 credits Spring 2019
HIST 1422 Course ID: 203000008 Sec #: 70 ATCC Federal School Code: 005544	World History 1500 to Present (ATCC) This course meets Minnesota Transfer Curriculum goal areas 5 and 8. This course is designed to provide an overview of world history in the time period 1500 to the present day. Interpretations will focus on the political, social, economic, and cultural development of the world civilizations.	3 credits Spring 2019
MATH 2231 Course ID: 303000127 Sec #: 70 NCTC Federal School Code: 002385	Calculus I (NCTC) This course meets Minnesota Transfer Curriculum goal area 4. This course is a first in a sequence of courses designed to cover limits, continuity, differentiation and integration of algebraic and trigonometric functions, and applications of derivatives. Prerequisites: (MATH1106 and MATH1110), or MATH1113.	4 credits Spring 2019
MUSC 2203 Course ID: 303000128 Sec #: 70 NCTC Federal School Code: 002385	World Music (NCTC) This course meets Minnesota Transfer Curriculum goal areas 6 and 8. This course is an in-depth exploration of the music of a small number of representative groups, all of which are not Western European, including, but not limited to Africa, Indonesia, China, Japan, India and some Latin American countries. Students will examine the music much as an ethnomusicologist would through the examination and study of musical elements (rhythm, harmony, timbre, melody, and texture). Lecture, reading and discussion will also include the reasoning and purpose behind the music including social, religious, historical and political context. It is recommended that the student complete a 1000 level music course prior to enrolling in this course.	3 credits Spring 2019
PHYS 1112 Course ID: 303000129 Sec #: 70 NCTC Federal School Code: 002385	General Physics II (NCTC) This course meets Minnesota Transfer Curriculum goal area 3. This is a continuation of the introductory physics sequence with laboratory. Topics include: mechanics and gravitation, work and energy, heat and thermodynamics, vibrations and waves, electricity and magnetism, light and optics. Prerequisites: PHYS1111	4 credits Spring 2019

Spring 2019 Course Descriptions

Minnesota Transfer Curriculum Courses: continued

PSYC 1405

Course ID: 203000009
Sec #: 70

ATCC Federal School Code: 005544

Life Span Psychology (ATCC)

This course meets Minnesota Transfer Curriculum goal area 5.

This course surveys human development from the life span perspective including theories, stages, and influences of development. This course views the individual from conception to death through physical, social, emotional, and mental development.

Prerequisite: College level reading score on a placement test or a minimum grade of "C" in College Prep Reading (READ0900). Strongly recommended: PSYC1445

3 credits
Spring 2019

PSYC 1410

Course ID: 203000010
Sec #: 70

ATCC Federal School Code: 005544

Abnormal Psychology (ATCC)

This course meets Minnesota Transfer Curriculum goal area 5.

This course covers the branch of psychology that addresses the description, causes, and treatment of abnormal behavior patterns. Psychological disorders are looked at from the medical model perspective and the psychological and sociocultural perspectives. Common disorders are included such as stress, anxiety disorders, mood disorders, personality disorders, schizophrenia, dissociative disorders, eating and sleeping disorders, substance abuse, and gender identity disorders.

Prerequisite: College level reading score on a placement test or a minimum grade of "C" in College Prep Reading (READ0900).

3 credits
Spring 2019

SOCS 1402

Course ID: 203000011
Sec #: 70

ATCC Federal School Code: 005544

Social Problems (ATCC)

This course meets Minnesota Transfer Curriculum goal areas 5 and 7.

This course is an examination of social problems in a global context with emphasis on causes, conditions, consequences, and alternative methods of intervention. Much of the course focuses on a topical problem that students analyze and become actively involved in resolving. Issues may include poverty, racism, sexism, environmental challenges, violence, drug use/abuse, homelessness, physical and sexual abuse, and global issues.

3 credits
Spring 2019

SPAN 1101

Course ID: 303000130
Sec #: 70

NCTC Federal School Code: 002385

Beginning Spanish I (NCTC)

This course meets Minnesota Transfer Curriculum goal area 8.

This course introduces the basic elements of the Spanish Language. It includes practice in pronunciation, listening comprehension, elementary conversation, grammar, reading, writing and culture. It provides students with practical vocabulary in culturally authentic contexts and activities and cultural materials that emphasize communicative and cultural competency.

Prerequisites: None

4 credits
Spring 2019

SPCH 1110

Course ID: 263000007
Sec #: 70

NTC Federal School Code: 005759

Introduction to Public Speaking (NTC)

This course meets Minnesota Transfer Curriculum goal area 1.

This course focuses on three areas: providing an overview of the process of communication and public speaking, developing and understanding of the principles needed for speech preparation, and application of these principles in preparing and delivering various types of speeches.

Prerequisites: None

3 credits
Spring 2019



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