



UNIVERSITY TRANSFER- ASSOCIATE OF ARTS

Associate of Arts (AA)
Program Code: 20-800-1
Total Credits: 60

Students in the University Transfer-Associate of Arts program take courses to meet the general requirements of a four-year degree, just like at a four-year campus. Through inquiry, observation, and analysis, students gain knowledge and skills in the arts and sciences, which enable them to broaden their perspective, increase problem-solving skills, and express themselves effectively in both writing and speaking. Students take courses within a core curriculum, with an emphasis on social sciences and humanities.

Students who complete an associate degree often have the benefit of a degree-to-degree transfer, where universities grant junior status and automatically waive specific lower-division requirements, such as general degree requirements, regardless of individual courses taken at Mid-State Technical College.

ACADEMIC ADVISOR

To schedule an appointment with an academic advisor, call 715.422.5300. Academic advisors will travel to other campuses as necessary to accommodate student needs. For more information about advising, visit mstc.edu/advising.

CHECKLIST:

This section will be completed when meeting with your academic advisor.

- ☐ Mid-State Technical College Application
- ☐ FAFSA (www.fafsa.gov)
- ☐ Official Transcripts
 Mid-State Technical College
 Student Services Assistant
 1001 Centerpoint Drive
 Stevens Point, WI 54481
- ☐ Follow-Up Appointment:
 Where: _____
 When: _____
 With: _____
- ☐ Other: _____



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ADAMS CAMPUS
 401 North Main
 Adams, WI 53910

MARSHFIELD CAMPUS
 2600 West 5th Street
 Marshfield, WI 54449

STEVENS POINT CAMPUS
 1001 Centerpoint Drive
 Stevens Point, WI 54481

WISCONSIN RAPIDS CAMPUS
 500 32nd Street North
 Wisconsin Rapids, WI 54494

CAREER PATHWAY • BEGIN AT ANY POINT



CREDIT FOR PRIOR LEARNING AND EXPERIENCE

CREDIT FOR PRIOR LEARNING AND EXPERIENCE

- Certifications and Licenses
- High School Credit
- Military Experience
- National/Standardized Exams
- Transfer Credit
- Work and Life Experience

Learn about Credit for Prior Learning at mstc.edu/cpl.

CERTIFICATE

COMMUNICATION ESSENTIALS

Certificate • 9 Credits

UNIVERSITY TRANSFER

Certificate • 12 Credits

For more information and additional opportunities, visit mstc.edu/career-accelerator.

ASSOCIATE OF ARTS (AA)

UNIVERSITY TRANSFER-ASSOCIATE OF ARTS

Associate of Arts (AA) • 60 Credits

Start Your Career

BACHELOR'S DEGREE

BACHELOR'S DEGREE OPTIONS

Arizona State University, Edgewood College, Lakeland University, Marquette University, University of Minnesota-Duluth, UW-Eau Claire, UW-Green Bay, UW-Milwaukee, UW-Oshkosh, UW-River Falls, UW-Stevens Point, UW-Superior, and Viterbo University.

For more information and additional opportunities, visit mstc.edu/transfer.

OTHER OPTIONS

RELATED PROGRAMS

- University Transfer-Associate of Science

PROGRAM OUTCOMES

Employers will expect you, as a University Transfer-Associate of Arts graduate, to be able to:

- Communication: Demonstrate effective communication in diverse contexts using appropriate methods.
- Intellectual Acquisition of Knowledge: Demonstrate critical and ethical reasoning.
- Personal and Social Awareness: Demonstrate knowledge of life skills required of an effective member of a diverse and global community with increased responsibility for self-directed learning and personal wellness.
- Problem Solving: Use mathematical and scientific problem-solving processes.
- Environmental Awareness: Demonstrate a heightened awareness of our physical, chemical, and biological environment.

GRADUATION REQUIREMENT

The GPS for Student Success course is required for all Mid-State program students and is recommended to be completed before obtaining 12 credits. (Not counted in the total credit value for this program.) Some students are exempt from this requirement. Please see your program advisor for more information.

GPS for Student Success

10890102 1 credit
Integrate necessary skills for student success by developing an academic plan, identifying interpersonal attributes for success, adopting efficient and effective learning strategies, and utilizing Mid-State resources, policies, and processes. This course is recommended to be completed prior to obtaining 12 credits and is a graduation requirement unless you receive an exemption from your program advisor.

ADDITIONAL COURSES AS NEEDED

The following courses may be recommended or required if the student does not achieve minimum Accuplacer scores.

College Reading and Writing 1

10831104 3 credits
Provides learners with opportunities to develop and expand reading and writing skills to prepare for college-level academic work. Students will employ critical reading strategies to improve comprehension, analysis, and retention of texts. Students will apply the writing process to produce well-developed, coherent, and unified written work.

Pre-Algebra

10834109 3 credits
Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.
Prerequisite: Accuplacer Math score of 65, Accuplacer Algebra score of 30, ABE Math Prep V 76854785 and ABE Math Prep VI 76854786 with a grade of "S." (Note: ABE Math Prep V and VI courses cannot be used to satisfy program completion requirements at Mid-State.)

STUDENT HANDBOOK

Visit mstc.edu/studenthandbook to view Mid-State’s student handbook, which contains information about admissions, enrollment, appeals processes, services for people with disabilities, financial aid, graduation, privacy, Mid-State’s Student Code of Conduct, and technology.

PROGRAM CURRICULUM

English (6 credits required)

Speech (3 credits required)

Humanities (12 credits required)

Must include courses in at least two disciplines: art, history, journalism/writing, literature, music, philosophy, theatre/film, world language, political science, and social science.

Social Science (12 credits required)

Must include courses in at least two disciplines: anthropology, economics, geography, political science, psychology, sociology.

Mathematics & Natural Science (10 credits required)

Trigonometry, college algebra, statistics, quantitative reasoning, elementary math education or higher, 3-4 credits required. Natural science - one lab course required.

World Language (4 credits required)

May be met with one year of high school foreign language with a grade of “C” or better.

Health/Wellness/Physical Education (1 credit required)




Diversity & Ethnic Studies (3 credits required)

Electives (Additional elective credits to attain 60 total credits)



Select any college transfer courses beyond the minimum requirements. One credit of health and PE beyond the required credit may be selected.

ALL COURSES FOR UNIVERSITY TRANSFER

English (6 credits required)










	credits
10801136 English Composition 1 	3
20801223 English 2 	3
20801227 Creative Writing 	3

Speech (3 credits required)











	credits
10801196 Oral/Interpersonal Communication 	3
10801198 Speech 	3

- Students cannot take Creative writing or Oral/Interpersonal to fulfill their credits for these categories, only as electives.

Humanities (12 credits required)







10809122 Intro to American Government 	3
10809166 Introduction to Ethics: Theory & Application 	3
20801233 Children's Literature 	3
20801247 Contemporary World Literature	3
20801204 Introduction to Literature 	3
20803211 US History to 1877 	3
20803212 US History 1877 to Present	3
20803258 World History to 1500	3
20803259 World History since 1500	3
20805201 Music Appreciation 	3
20805280 Music in Film 	3
20809223 Introduction to World Religions 	3
20809226 Environmental Ethics	3
20809260 Introduction to Philosophy 	3
20815201 Art Appreciation	3
20815240 Basic Photography	3

Social Science (12 credits required)

	credits
10809103 Think Critically & Creatively 	3
10809188 Developmental Psychology 	3
10809195 Economics 	3
10809196 Intro to Sociology 	3
10809198 Intro to Psychology 	3
10809217 Race Class Gender	3
20809237 Abnormal Psychology 	3
20809254 Educational Psychology 	3
20809204 Marriage and Family 	3
20809283 Cultural Anthropology and Human Diversity	3
20809287 Principles of Macroeconomics 	3
20809291 Principles of Microeconomics 	3






Mathematics & Natural Science (10 credits required)

Mathematics (3-4 credits required)

	credits
10804118 Intermediate Algebra with Applications 	4
10804135 Quantitative Reasoning 	3
10804189 Introductory Statistics 	3
10804190 Calculus and Analytic Geometry 1 	5
10804195 College Algebra with Applications 	3
10804196 Trigonometry with Applications 	3
20804227 Elementary Math Education 1	4
20804237 Elementary Math Education 2	4


Natural Science (7 credits required)

One lab course is required.





	credits
10806112 Principles of Sustainability 	3
10806114 General Biology	4
10806134 General Chemistry 	4
10806143 College Physics 1	3
10806154 General Physics 1 	4
10806177 General Anatomy & Physiology 	4
10806179 Advanced Anatomy & Physiology	4
10806189 Basic Anatomy	3
10806197 Microbiology 	4
20806206 Intro to Physical Geography	5
20806215 Environmental Science	3

- Courses that have labs – 10806114, 10806134, 10806143, 10806154, 10806177, 10806179, 10806197, and 20806206

World Language (4 credits required)

	credits
20802211 Spanish 1 	4
20802212 Spanish 2 	4

Health/Wellness/PE (1 credit required)


	credits
10807205 The Well Traveler 	1
10807210 Environmental Wellness	1
20807202 Nutrition for Life 	1
20807203 Stress Management Fitness for Life 	1
20807204 Physical Fitness for Life 	1

Diversity & Ethnic Studies (3 credits required)

Electives (Additional elective credits to attain 60 total credits)

Select other courses to fill in available credits. One additional credit of Health/Wellness/PE may be selected. If students satisfy the world language requirement by transferring in a high school course with a “C” or better, than they may need elective credits to satisfy the program credit requirement.

For more information, visit mstc.edu/programs/liberal-arts-arts

-  This course has options available to receive credit for prior learning (CPL) or work experience. Visit the website at mstc.edu/cpl or contact your advisor for details.

Please Note:

- Student schedules and program completion time may vary depending on course availability.
- Exact courses taken will vary significantly based on students' interests and transfer intentions.
- Graduation requirement of a 2.0 cumulative GPA.
- Electives are selected from courses not used to fulfill other requirements.
- Students are strongly encouraged to consult with the Academic Adviser before registering for courses. Some stipulations for transfer may apply.

COURSE DESCRIPTIONS

Abnormal Psychology ☑

108091593 credits

The course surveys the essential features, possible causes, and assessment and treatment of the various types of abnormal behavior from the viewpoint of the major theoretical perspectives in the field of abnormal psychology. Students are introduced in the diagnosis system of the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). In addition, the history of the psychology of abnormality are traced. Cultural and social perspectives in understanding and responding to abnormal behavior are explored as well as current topics and issues within abnormal psychology.

Prerequisite: Intro to Psychology 10809198 with a grade of "C" or better.

Abnormal Psychology ☑

208092373 credits

Abnormal Psychology covers the definition of abnormal behavior, assessment techniques, and descriptions of psychological disorders. It examines theoretical perspectives (biological, psychological, sociocultural) and approaches to treating these disorders.

Prerequisite: Intro to Psychology 10809198 or Developmental Psychology 10809188

Advanced Anatomy & Physiology

10806179 4 credits

The second semester in a two-semester sequence in which normal human anatomy and physiology are studied using a body system approach with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. Instructional delivery is within a classroom and laboratory setting. Experimentation within a science lab includes analysis of cellular metabolism and the individual components of body systems such as the nervous, neuromuscular, cardiovascular, and urinary. Continued examination of homeostatic mechanisms and their relationship to fluid, electrolyte, acid-base balance, and blood. Integration of genetics to human reproduction and development are also included in this course.

Prerequisite: General Anatomy & Physiology 10806177 with a grade of "C" or better.

Applied Mathematics

318043052 credits

Students taking Applied Mathematics make and convert various measurements. Students use formulas to solve problems. They compute dimensions of geometric shapes. Students use statistical tools to represent and analyze data. They analyze various financial situations. Students use basic right triangle trigonometry to solve problems. In each topic area, students solve application problems.

Applied Microbiology

318063112 credits

Directs the learner's understanding of aseptic techniques, antimicrobial methods, specimen collection, preparation of cultures, body defenses against microorganisms, the infectious process, and the transmission of disease-causing organisms. Students learn such techniques as standard and transmission-based precautions, sanitization, disinfection, sterilization, preparation of cultures, and microscopic slide preparations with simple staining and gram staining.

Art Appreciation

208152013 credits

Explores the purpose of art as it relates to history, our society, and the issues of visual perception.

Basic Anatomy

108061893 credits

Examines concepts of anatomy and physiology as they relate to health careers. Learners correlate anatomical and physiological terminology to all body systems.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236 or ACT of 15. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Basic Photography

208152403 credits

Explores basic digital photography. Develop skills to use a digital camera in manual mode, understand variables of exposure, composition, transferring, storing, and printing of digital images.

Calculus & Analytic Geometry 1

108041905 credits

Designed for students of mathematics, science, and engineering. An introduction to the basic properties of limits, rate of change of functions, continuity, derivatives of algebraic and elementary transcendental functions, their products quotients and compositions, curve sketching, finding maxima and minima, and indefinite and definite integration with applications.

Prerequisites: College Algebra with Applications 10804195 and Trigonometry with Applications 10804196.

Children's Literature

208012333 credits

Introduces the forms, functions, and merits of literature for children. Students will read and evaluate both classic and contemporary texts for a variety of age levels. Readings, lecture, class discussion, and projects will also explore historical and cultural contexts for, and influences upon, children's literature. Special consideration will be given to diverse and multicultural works. Art and illustration will also be explored as storytelling tools.

College Algebra with Applications ☑

108041953 credits

Covers the skills needed for success in calculus and many application areas on a baccalaureate level. Topics include the real and complex number systems, polynomials, exponents, radicals, solving equations and inequalities (linear and nonlinear), relations and functions, systems of equations and inequalities (linear and nonlinear), matrices, graphing, conic sections, sequences and series, combinatorics, and the binomial theorem.

Prerequisite: Trigonometry with Applications 10804196 with a grade of "C" or better or Intermediate Algebra with Applications 10804118 with a grade of "C" or better. Students without Trigonometry with Applications are encouraged to bring transcripts.

COURSE DESCRIPTIONS

College Mathematics ☑

108041073 credits

Designed to review and develop fundamental concepts of mathematics pertinent to the areas of: 1) arithmetic and algebra; 2) geometry and trigonometry; and 3) probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. Topics include performing arithmetic operations and simplifying algebraic expressions, solving linear equations and inequalities in one variable, solving proportions and incorporating percent applications, manipulating formulas, solving and graphing systems of linear equations and inequalities in two variables, finding areas and volumes of geometric figures, applying similar and congruent triangles, converting measurements within and between US and metric systems, applying Pythagorean Theorem, solving right and oblique triangles, calculating probabilities, organizing data and interpreting charts, calculating central and spread measures, and summarizing and analyzing data.

Prerequisite: High School GPA of 3.0 or Accuplacer Arithmetic of 250 and QAS 234 or ACT of 17 or Pre-Algebra 10834109 with a grade of "C" or better or equivalent. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

College Physics 1

108061433 credits

Presents the applications and theory of basic physics principles. This course emphasizes problem solving, laboratory investigation and applications. Topics include laboratory safety, unit conversions and analysis, kinematics, dynamics, work, energy, power, temperature and heat.

Corequisite: Trigonometry with Applications 10804196

College Reading and Writing 1

108311043 credits

Provides learners with opportunities to develop and expand reading and writing skills to prepare for college-level academic work. Students will employ critical reading strategies to improve comprehension, analysis, and retention of texts. Students will apply the writing process to produce well-developed, coherent, and unified written work.

Contemporary World Literature

208012473 credits

Contemporary World Literature presents a post-World War II overview of diverse and multicultural literature. Through readings in long and short fiction and poetry, students explore the way different cultures and writers see their internal and external worlds in relation to their sense of self. The primary focus will be on diverse and multicultural text analysis, seeking and challenging evidence of universal themes and human experience.

Creative Writing

208012273 credits

Introduces and encourages the creative writing process as an avenue for individual expression. Students will read and respond to works of creative writing in various genres to determine their principles as well as how and why writers break formal conventions. Students will experiment with techniques for producing original work in both poetry and prose. Emphasis is on idea generation, collaborative feedback, and effective revision. This is a workshop-based course.

Cultural Anthropology and Human Diversity

208092833 credits

This course explores the range of human cultural diversity around the world and seeks explanations of both commonalities and differences. The class will focus on anthropological theoretical perspectives, historical ties indicating patterns of population migrations, and the myriad complexities of modern industrialized multicultural societies, like the United States, as influenced by the global economy and technology.

Developmental Psychology ☑

108091883 credits

Studies human development throughout the lifespan and explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills enable students to gain an increased knowledge and understanding of themselves and others.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/ 16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Economics ☑

108091953 credits

Provides an overview of how a market-oriented economic system operates and surveys the factors that influence national economic policy. Basic concepts and analyses are illustrated by reference to a variety of contemporary problems and public policy issues. Concepts include scarcity, resources, alternative economic systems, growth, supply and demand, monetary and fiscal policy, inflation, unemployment and global economic issues.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/ 16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Educational Psychology

208092543 credits

Explores the psychological theories of development and learning related to education and teaching. Course covers the unique diversity of students that we teach as well as exceptionalities. Students examine learning theory and instructional practice as well as issues of motivation and classroom management. Classroom planning and assessment methods and techniques are evaluated.

Prerequisite: Intro to Psychology 10809198 or Developmental Psychology 10809188

COURSE DESCRIPTIONS

Elementary Math Education 1

20804227 4 credits

Covers mathematics content necessary for prospective early childhood and elementary teachers. Topics include foundational and historical concepts from arithmetic and algebra.

Prerequisite: 2 years of high school or college-level math with a C or better or Accuplacer Arithmetic of 263 and QAS 234 or ACT of 19 or QAS of 245

Elementary Math Education 2

20804237 4 credits

Includes concepts of proportionality, statistics and probability, plane geometry, the geometry of solids, and measurement.

Prerequisite: Two years of high school math with "C" or better or Intermediate Algebra with Applications 10804118

Employment Strategies ☑

10801199 3 credits

A course designed to assist students in securing employment. This communication-based course helps develop an awareness of personal and academic skills as they relate to the job seeking process. Topics of study include personal and skill assessments, research of employment sources, completion of application forms, formation of professional resumes, composition of various business letters, interviewing skills, and job offer evaluation. NOTE: To enroll you must have completed 50 percent of technical program credits or receive department approval. See program advisor, program faculty, program counselor, or department dean/associate dean to register.

English Composition 1 ☑

10801136 3 credits

Designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing, and revising are applied through a variety of activities. Students analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals develop critical reading skills through analysis of various written documents.

Prerequisite: High School GPA of 3.0 or Accuplacer Writing of 262 or ACT of 20 or completion of 10831104 College Reading and Writing 1 with a grade of "C" or better or equivalent. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

English 2 ☑

20801223 3 credits

Students continue the study of academic writing to attain advanced writing and critical thinking skills. Students learn textual synthesis, analysis, advanced source integration, and rhetorical strategies.

Prerequisite: English Composition 1 10801136 or Written Communication 10801195

Environmental Ethics

20809226 3 credits

An introduction to environmental ethics for students who have had little or no exposure to the philosophical issues surrounding the problems of nature. Some of the problems to be discussed are endangered species, energy and pollution wilderness, environmental justice, world hunger, immigration and overpopulation, animal rights, and corporate obligations regarding the natural environment. Covers both theoretical approaches and practical applications and provides a detailed history and background of the root and development of our present ecological situations.

Environmental Science

20806215 3 credits

Develops an understanding of environmental concerns and current issues including water resources, total land use, air pollution, biocides, energy use, population, pollution, and health. Examines ecological, economic, historical, and philosophic views of issues.

Environmental Wellness

10807210 1 credit

This course will explore the relationship between individuals and their environment and provide an overview of environmental wellness in relation to the impacts on human well-being. The student will focus on the individual's role in preserving and interacting with the environment to promote holistic health through sustainable interventions.

General Anatomy & Physiology

10806177 4 credits

Examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole-body anatomy and physiology to informed decision making and professional communication with colleagues and patients.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, or ACT of 15, or General Chemistry 10806134, or General Biology 10806114, or Human Body in Health & Disease 31509302.

General Biology

10806114 4 credits

Introduces general biological concepts and principles. Emphasis is on cell structure and function, genetics, evolution, and taxonomical relationships. Consideration is also given to diversity among the various kingdoms.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236 or ACT of 15. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

COURSE DESCRIPTIONS

General Chemistry ☑

10806134 4 credits

Covers the fundamentals of chemistry. Topics include the metric system; problem solving; periodic relationships; chemical reactions, chemical equilibrium; properties of water; acids, bases, and salts; and gas laws.

Prerequisite: High School GPA of 3.0 or Accuplacer QAS of 246 or ACT of 19, or College Mathematics 10804107 with a "C" or better, or Intermediate Algebra with Applications 10804118 with a "C" or better. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

General Physics 1 ☑

10806154 4 credits

Presents the applications and theory of basic physics principles. This course emphasizes problem solving, laboratory investigation, and applications. Topics include unit conversion and analysis, vectors, translational and rotational kinematics, translational and rotational dynamics, heat and temperature, and harmonic motion and waves.

Corequisite: Trigonometry with Applications 10804196

GPS for Student Success ☑

10890102 1 credit

Integrate necessary skills for student success by developing an academic plan, identifying intrapersonal attributes for success, adopting efficient and effective learning strategies, and utilizing Mid-State resources, policies, and processes. This course is recommended to be completed prior to obtaining 12 credits and as a graduation requirement.

Intermediate Algebra with Applications ☑

10804118 4 credits

This course offers algebra content with applications. Topics include properties of real numbers; order of operations; algebraic solution for linear equations and inequalities; operations with polynomial and rational expressions; operations with rational exponents and radicals; and algebra of inverse, logarithmic, and exponential functions.

Prerequisite: High School GPA of 3.0 or Accuplacer Arithmetic of 263 and QAS 234 or ACT of 19 or QAS of 245, or Pre-Algebra 10834109 with a grade of "C" or better or equivalent. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Intro to Biochemistry

10806186 4 credits

Provides students with skills and knowledge of organic and biological chemistry necessary for application within Nursing and other Allied Health careers. Emphasis is placed on recognizing the structure, physical properties and chemical reactions of organic molecules, body fluids, and acids. Additional emphasis is placed on biological functions and their relationships to enzymes, proteins, lipids, carbohydrates and DNA.

Prerequisite: High School or College Chemistry with a "C" or better

Intro to Physical Geography

20806206 4 credits

An introduction to the spatial and temporal patterns, processes, origins, and relationships of Earth's systems (atmosphere, biosphere, hydrosphere, and lithosphere). This course will utilize geographic tools, and a scientific approach to explore how Earth's systems function, as well as how humans interact with these systems.

Introduction to American Government ☑

10809122 3 credits

Introduces American political processes and institutions. Focuses on rights and responsibilities of citizens and the process of participatory democracy. Learners examine the complexity of the separation of powers and checks and balances. Explores the role of the media, interest groups, political parties, and public opinion in the political process. Also explores the role of state and national government in our federal system.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Introduction to Diversity Studies ☑

10809172 3 credits

Introduces learners to the study of diversity from a local to a global environment using a holistic, interdisciplinary approach. Encourages self-exploration and prepares the learner to work in a diverse environment. In addition to an analysis of majority/minority relations in a multicultural context, the primary topics of race, ethnicity, age, gender, class, sexual orientation, disability, and religion are explored.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Introduction to Ethics: Theory and Application ☑

10809166 3 credits

Provides a basic understanding of the theoretical foundations of ethical thought. Diverse ethical perspectives are used to analyze and compare relevant issues. Students critically evaluate individual, social, and/or professional standards of behavior, and apply a systemic decision-making process to these situations.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Introduction to Literature ☑

20801204 3 credits

Presents the major literary genres of poetry, fiction, nonfiction, and drama, and their distinct characteristics. Students will be introduced to relevant theoretical approaches and the influence of culture on a text's creation. Students will discuss, analyze, interpret, and write about literature. This course enhances appreciation of literature and prepares students for further literary study.

COURSE DESCRIPTIONS

Introduction to Philosophy ☑

20809260.....3 credits

This course introduces the traditional divisions of philosophy and methods of philosophical inquiry as presented by ancient, modern, and contemporary Western philosophers. Topics include an examination of human nature, reality and being, religion and the existence of God, knowledge and truth, moral values, and social and political philosophy. Students will develop thinking, reasoning, and argumentation skills to support their own philosophical perspectives and challenge the perspectives of others.

Introduction to Psychology ☑

108091983 credits

This science of psychology course is a survey of multiple aspects of behavior and mental processes. It provides an overview of topics such as research methods, theoretical perspectives, learning, cognition, memory, motivation, emotions, personality, abnormal psychology, physiological factors, social influences, and development.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Introduction to Sociology ☑

108091963 credits

Introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions of family, politics, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, and social organization.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Introduction to World Religions ☑

208092233 credits

This course will familiarize students with the religious traditions of the world by providing a broad overview of major religions including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, and others. Indigenous religions and new religious movements will also be studied. An emphasis is placed on each religion's origins and historical development, main doctrines, teachings, ethics, sacred texts, and ways of worship.

Introductory Statistics ☑

108041893 credits

Students taking Introductory Statistics display data with graphs, describe distributions with numbers, perform correlation and regression analyses, and design experiments. They use probability and distributions to make predictions, estimate parameters, and test hypotheses. They draw inferences about relationships including ANOVA. Algebra knowledge and foundational skills in mathematics are important for success in this course.

Prerequisite: High School GPA of 3.0 or Accuplacer QAS 241 or ACT of 19 or Pre-Algebra 10834109 with a grade of "C" or better or College Math 10804107 or equivalent.

Marriage and Family

20809204.....3 credits

This course introduces the student to the sociological aspects of marriage and family life in contemporary American society. Emphasis is on the study of cognitive, emotional, and behavioral patterns associated with courtship, love, mate selection, sexuality, and marriage. It discusses life span development, balancing work and family, and parenting. This course is based on the premise that human attitudes, feelings, and behaviors are largely shaped and influenced by philosophy, gender, communication, and personal beliefs.

Microbiology

10806197.....4 credits

Examines microbial structure, metabolism, genetics, growth, and the relationship between humans and microorganisms. Disease production, epidemiology, host defense mechanisms, and the medical impact of microbes in the environment, industry, and biotechnology are also addressed.

Prerequisite: General Anatomy & Physiology 10806177 with a "C" or better, or General Biology 10806114 with a "C" or better, or Plant Biology 10806184 with a grade of "C" or better.

Microeconomics ☑

108091433 credits

Examines the behavior of individual decision makers, primarily consumers and firms. Topics include choices of how much to consume and to produce, the functioning of perfectly and imperfectly competitive markets, the conditions under which markets may fail, and arguments for and against government intervention. The student applies the fundamental tools of economics to real-world problems.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Music Appreciation ☑

20805201.....3 credits

Discover how music is intertwined with the history, art, politics, religion, and culture of people from around the world and across the centuries. In this course, students will learn to identify voices, instruments, and genres of music from the Middle Ages to today. Students will develop active listening skills and an understanding of how music, beyond one's personal taste, can be appreciated for its artistry and significance on human interconnectedness. Attendance at one live school, community, or professional musical performance is required.

Music in Film ☑

208052803 credits

Follows the development music and sound in film, from the beginning of the silent-movie era to the great film composers of the twentieth century and today. Students will explore the role and expression of music in film, learn about the fundamental elements of film music and composers, as well as develop a vocabulary for describing and assessing film music. Includes classroom discussion, evaluation of different compositional styles, and learning to listen critically to film score while viewing movies.

COURSE DESCRIPTIONS

Nutrition for Life ☑

20807202 1 credit

Examines the nutrient requirements of healthy individuals, nutrient categories, and food sources as well as their characteristics in relation to physiological functions, metabolism and disease prevention.

Oral/Interpersonal Communication ☑

10801196 3 credits

Focuses on developing effective listening techniques and verbal and nonverbal communication skills through oral presentation, group activity, and other projects. The study of self, conflict, and cultural contexts will be explored, as well as their impact on communication.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237, or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Physical Fitness for Life ☑

20807204 1 credit

Examines the relationship of physical fitness and activity to healthy lifestyles and wellness. Students will assess current level of fitness, then plan and implement a personal fitness program.

Plant Biology

10806184 3 credits

This lecture/laboratory course provides students with an in-depth study of the plant kingdom. The content includes, but is not limited to, plant cell anatomy and physiology, plant genetics, plant classification, plant anatomy and physiology, plant responses, plant life cycles, and ecology. A survey of viruses, prokaryotes, protista, and fungi as they pertain to plants is presented.

Pre-Algebra

10834109 3 credits

Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.

Prep for Anatomy and Physiology

10836123 2 credits

Provides a general survey of the structure and function of the human body including chemistry, cells, tissues, organs and body systems. This course is intended for students who seek additional preparation for college level course work in anatomy and physiology.

Principles of Macroeconomics ☑

20809287 3 credits

Macroeconomics explores the performance and behaviors of a free-market economy; specifically output, income, and employment and how forces act to shape these factors and determine their fluctuations. Government fiscal and monetary roles as well as the impact of international transactions on the domestic economy are studied. Balance is drawn between theory, analysis, and a critique of the institutions that characterize modern mixed-capitalist economies. Conflicting social goals and economic constraints provide the framework through which the macroeconomy is analyzed.

Principles of Microeconomics ☑

20809291 3 credits

This course introduces economic analysis of individual, business, and industry choices in the market economy. Topics include the price mechanism, supply and demand, optimizing economic behavior, costs and revenue, market structures, factor markets, income distribution, market failure, and government intervention. Upon completion, students should be able to identify and evaluate consumer and business alternatives to achieve economic objectives efficiently.

Principles of Sustainability ☑

10806112 3 credits

Prepares the student to develop sustainable literacy, analyze the interconnections among the physical and biological sciences and environmental systems, summarize the effects of sustainability on health and well-being, analyze connections among social, economic, and environmental systems, employ energy conservation strategies to reduce the use of fossil fuels, investigate alternative energy options, evaluate options to current waste disposal and recycling in the U.S., and analyze approaches used by your community to promote and implement sustainability.

Quantitative Reasoning

10804135 3 credits

This course is intended to develop analytic reasoning and the ability to solve quantitative problems. Topics to be covered may include construction and interpretation of graphs; descriptive statistics; geometry and spatial visualizations; math of finance; functions and modeling; probability; and logic. Appropriate use of units and dimensions, estimates, mathematical notation, and available technology will be emphasized throughout the course. Note: This course satisfies Part A of the Quantitative Reasoning requirement for the UW system and is intended for students who do not plan to take any further mathematics.

COURSE DESCRIPTIONS

Race, Class, Gender

208092173 credits

This introductory course examines ethnic, racial, religious, and cultural origins of Americans. The course focuses on social interactions that contribute to the understanding of different groups in diverse settings. In addition to an analysis of majority/minority relations in a multicultural context, social class and gender will also be analyzed as systems of inequality and sources of cultural difference.

Prerequisite: Introduction to Diversity Studies 10809172

Spanish 1

20802211..... 4 credits

For students beginning the study of Spanish. Emphasizes development of basic communicative skills through practice in listening, speaking, reading, and writing. Stresses vocabulary and grammar to enhance students' ability to speak and write in Spanish. Study of customs and values provides an increased awareness of Spanish speaking cultures. On completion students are expected to participate in uncomplicated conversations on everyday topics.

Spanish 2

20802212 4 credits

Enhances student ability to learn to read, write, understand, and speak Spanish.

Prerequisite: Spanish 1 20802211 with a "C" or better

Speech

108011983 credits

Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of this course. Bring transcripts for further evaluation if they do not meet these requirements.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading of 253, Writing of 262, or ACT of 21 Reading/19 Writing, or completion of 10831104 College Reading and Writing 1 with a grade of "C" or better or equivalent.

Stress Management: Fitness for Life

20807203 1 credit

The course explores the nature of stress, determinant causes, the physiological and psychological reactions to stress and will introduce and implement physiological, cognitive, and behavioral stress management techniques.

Study Skills

10835103..... 1 credit

This course provides students with strategies to develop study skills for success in college. Through hands-on experiences, students will apply study skills, learn how to think critically, and use information resources and technology. The purpose of this course is to prepare students for successful entry into required program courses. This course is tuition bearing and under certain circumstances may qualify for financial aid. This course cannot be used to satisfy program completion requirements at Mid-State Technical College.

Technical Reporting

108011973 credits

The student prepares and presents oral and written technical reports. Types of reports may include lab and field reports, proposals, technical letters and memos, technical research reports, and case studies. Designed as an advanced communication course for students who have completed at least the prerequisite introductory writing course.

Prerequisite: Written Communication 10801195 with a grade of "C" or better. Proficiency in word processing skills recommended.

The Well Traveler

10807205..... 1 credit

In this course the student will examine components of travel as it impacts their personal dimensions of health and wellness. The student will develop global citizenship skills by preparing for travel with an emphasis on maximizing opportunities that support individual wellbeing and the appreciation of growth through experiences. We will also explore interventions to ensure safety while traveling.

Think Critically and Creatively

108091033 credits

Provides instruction about critical and creative thinking that is in high demand in all occupations. Models, theories, and processes provide the foundation for learning logical thinking strategies. Students will apply a systematic approach to problem solving by analyzing the problem, assessing possible solutions, and making effective decisions. In addition, students will generate ideas and analyze complex issues. This course assists students with developing a critical thinking mindset which is essential at every level of personal and professional life.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Trigonometry with Applications

108041963 credits

Topics include circular functions, graphing of trigonometry functions, identities, equations, trigonometric functions of angles, inverse functions, solutions of triangles, complex numbers, DeMoivre's Theorem, polar coordinates, and vectors.

Prerequisite: Intermediate Algebra with Applications 10804118 with a grade of "C" or better. Students without Intermediate Algebra with Applications are encouraged to bring transcripts for individual course evaluation.

U.S. History 1877 to Present

208032123 credits

Surveys U.S. political, social, and economic development from the post-Civil War era to the present. Emphasizes reading, writing, and discussion.

U.S. History to 1877

20803211.....3 credits

Surveys U.S. political, social, and economic development from the pre-colonial era to the post-Civil War period. Emphasizes reading, writing, and discussion.

COURSE DESCRIPTIONS

Workplace Communication

31801368 1 credit

Analyze workplace communication situations to develop professional verbal and written communication skills. Learners apply verbal and written communication skills, as well as conflict resolution strategies, to improve workplace communication climates and promote personal and professional growth.

World History Since 1500

20803259 3 credits

Surveys the diversity of the human community by examining the development, contributions, and interactions of various civilizations. Emphasizes reading, writing, and discussion.

World History To 1500

20803258 3 credits

Surveys the diversity of the human experience by examining the development and contributions of various civilizations. Emphasizes reading, writing, and discussion.

Written Communication

10801195 3 credits

Develops writing skills which include prewriting, drafting, revising, and editing. A variety of writing assignments are designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Also develops critical reading and thinking skills through the analysis of a variety of written documents.

Prerequisite: High School GPA of 3.0 or Accuplacer Writing of 262 or ACT of 20 or completion of 10831104 College Reading and Writing 1 with a grade of "C" or better or equivalent. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements. Proficiency in word processing skills recommended.