



IVN & Online Courses

Fall 2016

MayvilleState.edu/msu-online • 701.788.4667

Liberal Arts/Essential Studies (online)

ECON 202 Principles of Macroeconomics (3)

Class Number: 14572 Instructor: Donna Gutschmidt

This course examines aggregate measures and issues of the economy, including income unemployment, business cycles, inflation, economic growth, fiscal policy, money and monetary policy, the global economy and international trade. Pre-req. None. Essential Studies.

ENGL 110 College Composition I (3)

Class Number 14638 Instructor: Laura Brudvik

A mature writing style exhibits variety in sentence structure and length, well-analyzed topics, effective transitions, resourceful use of modes of development and rhetorical moves appropriate for a given audience, and deployment of appropriate evidence derived from personal experience and/or credible authorities. English 110 equips freshman-level writers with the ability to write thematically coherent personal narratives couched in effective style, analytical responses to essays and/or imaginative works, and several documented papers. Class time is devoted to the process of drafting and revision in consultation with peers, instructor, and/or Writing Center. An introduction to literature is included. Pre-req. Students who score 15-17 on the ACT English subtest or equivalent exams may register for this course along with ASC 088-English Composition Lab. Students who have scored 18 or above on the ACT English subtest or equivalent exams, or have completed ACS 086-Preparatory English or equivalent course with at least a "C" or higher may register for this course. Essential Studies.

GEOG 103 Multicultural World, Global Issues (3)

Class Number: 14686 Instructor: Aaron Kingsbury

This is an introductory course focusing on how diversity, global and multicultural issues affect communities around the world. The course is focused on modes of critical thinking that stress both considerations of "space and place" and the interconnected roles of the "local" and "global" in shaping our world. Topics included are the global distribution of population, migration, popular culture, languages, religions, ethnicities, environment, food and agriculture, urbanization and economic systems.

GEOG 300 World Regional Geography and Anthropology (3)

Class Number: 14695 Aaron Kingsbury

This course provides an introduction to key core geographic regions of the world from geographic and anthropological perspectives. Students will increase their geographic literacy and further learn to think and write critically about cultural and physical processes affecting how we live. The course is fully structured around the Geography of Life and North Dakota State Standards for the Social Studies sets for teaching standards. All elements of this course reflect these teaching standards including maps, images of place and their impact on human behavior, physical landscapes and regional differences in the human use of the earth. Pre-req. Completion of ENGL 110 and ENGL 120 or 125.

HIST 101 Western Civilization I (3)

Class Number: 14701 Instructor: Dalton McMahon

History 101 is designed to provide students with a basic knowledge of World History from the Ancient Near East through the Protestant Reformation. Areas covered are the Ancient Near East, Greece, Roman Republic and Empire, Middle Ages, Renaissance and Protestant Reformation. Pre-req. None. Essential Studies.

HIST 103 U.S. To 1877 (3)

Class Number: 14703 Instructor: Elliot Rotvold

A historical survey of United States History from its earliest European backgrounds to 1877. Pre-req. None. Essential Studies.

HUM 220 History of Music in a Multicultural World (3)

Class Number: 14713 Instructor: Greta Paschke

History of Music in a Multicultural World is designed to arouse greater interest in music of Western and non-Western cultures and to provide a basis for further appreciation of music. The survey of music from ancient times through music of the 21st century includes the developments in the world of art, literature and history that took place during the same time frame. Essential Studies.

HUM 221 History of Art in a Multicultural World (3)

Class Number: 14717 Instructor: Eric Johnson

History of Art in a Multicultural World is a humanities course intended to promote an understanding of both history and art through discussion and study of artistic structural elements, methodologies, artists, patrons, and historically significant art works. The survey of art from ancient times through the 21st century includes the developments in the world of music, literature, and history that took place during the same time frame.

SOC 110 Introduction to Sociology (3)

Class Number: 14741 Instructor: Misti Wuori

An introductory examination of social behavior and human groups through an analysis of the diversity in culture, human interactions, social structure, social differentiation, social change, and social process. Pre-req. None. Essential Studies.

SOC 355 Drugs and Society (3)

Class Number: 14745 Instructor: Lonamalia Smith

A study of drug use in modern society. Topics include social definitions, identification, causes, controls, and consequences of both legal and illegal drug use and problems. Pre-req. SOC 110.

SPAN 101 First Year Spanish I (4)

Class Number: 14750 Instructor: Carmen Rygg

Fundamentals of Spanish and development of the basic language skills of listening, speaking, reading, and writing, with an emphasis on oral proficiency. Culture and language structures are also important components of the course. Pre-req. None.

SPAN 102 First Year Spanish II (4)

Class Number: 14752 Instructor: Carmen Rygg

Continuation of SPAN 101. Pre-req. SPAN 101.

SPAN 201 Second Year Spanish I (4)

Class Number: 14753 Instructor: Carmen Rygg

Continued practice and review of the fundamentals of listening, speaking, reading, and writing. Classroom emphasis on oral skills, as well as increased outside readings of Spanish texts. Pre-req. SPAN 102 or instructor approval.

SPAN 202 Second Year Spanish II (4)

Class Number: 14754 Instructor: Carmen Rygg

Continuation of SPAN 201. Pre-req. SPAN 201.

UNIV 100 Seminar on Success (1)

Class Number: 20284 Instructor: Sheena Moe

This course is required of all first time freshmen at Mayville State University and is designed to help students become integrated into the college and community environment. A variety of topics will be covered that can lead to greater self-awareness and increase the students' level of academic and personal success, enjoyment, and persistence.



Business and CIS (online)

ACCT 201 Elements of Accounting II (3)

Class Number: 14502 Instructor: Dustin Olson

This course is a continuation of Elements of Accounting I and focuses on in-depth coverage of financial statements, particularly as they apply to manufacturing concerns. Managerial accounting topics comprise a significant component of this course. CIS 119 or equivalent knowledge of Excel is recommended. Pre-requisite: Completion of ACCT 200 with a 'C' grade or higher.

ACCT 305 Cost Accounting I (3)

Class Number: 14505 Instructor: Gene Levitt

The introduction of modern cost accounting with insight and breadth regarding both the accountant's and the manager's role in the organization. Included topics are cost accounting fundamentals and tools for planning and control. Pre-req. ACCT 201 and CIS 114, or equivalent knowledge of Excel.

ACCT 305 is an online synchronous course. Students enrolled in this course are required to login Wednesday from 5:00-6:15 p.m.

BADM 301 Principles of Marketing (3)

Class Number: 14555 Instructor: Donna Gutschmidt

This course provides an introduction of marketing concepts, terminology, ethics, and an understanding of the role marketing plays in today's society. Students will develop an understanding of the marketing of the marketing mix elements (product/service, distribution, promotion, and pricing) and application of those elements toward the creation and presentation of a marketing plan. Special emphasis is placed on applying marketing theories and methods to solve problems in the contemporary marketing environment. This course provides a foundation for continuing study in Advanced Marketing Management and Consumer Behavior. Pre-requisite: ENGL 120 or ENGL 125, or consent of instructor.

BADM 302 Principles of Management (3)

Class Number: 14557 Instructor: Robert Johnston

This introductory course studies the managerial functions that are essential for reaching organizational goals and objectives. Critical components of this course include demonstrating effective communication skills during a series of manager interviews and creating a personal philosophy of management by the student. Special emphasis is placed on applying management theories and/or practices to solve problems in the contemporary business environment. The ultimate purpose of this course is not only to understand the role of a manager but to also get students to 'think like a manager.' Pre-requisite: ENGL 120 or ENGL 125, or consent of instructor.

BUSN 307 Professional Selling (3)

Class Number: 14526 Instructor: Robert Tangsrud

This course provides a study of the professional selling process including prospecting, qualifying, need-discovery and development, relationship-building, presentations, handling objections, closing, and post-sale service. The course will employ a variety of learning methods to provide students oppor-

tunity to develop in professionalism and knowledge of business and selling. Pre-req. CIS 112, or equivalent knowledge of MS Word, and BADM 301.

BUSN 340 Project Management (3)

Class Number: 14538 Instructor: Rhonda Nelson

This course introduces the concepts, processes and knowledge areas of project management as a means of complementing and integrating with other management disciplines. Course objectives are that students will develop an understanding of concepts, processes and knowledge areas critical to successful project completion, along with the development of their own project plan. Students will also identify and recognize the factors that cause projects to exceed budget, time limitations, and generally fail to meet stakeholder expectations. Pre-req. BADM 302.

BUSN 365 Entrepreneurial Business Plans(3)

Class Number: 18576 Instructor: Colleen Falk

This course will give the student a keen understanding of the theoretical and practical tool - THE BUSINESS PLAN - for launching an entrepreneurial venture. An extensive critique and study of ALL the components of this tool including planning, marketing, financing, and operating will be the focal point of this course. Pre-req. ACCT 201, BUSN 305, BADM 301, and CIS 114, or equivalent knowledge of Excel.

BUSN 405 Topics and Issues in Entrepreneurship (3)

Class Number: 18579 Instructor: Colleen Falk

This course will provide the student with opportunities to "think entrepreneurship" at a higher level through an extensive review and discussion of case studies. The student will then apply entrepreneurial principles and solve problems that are typically encountered by new business ventures. Pre-req. BUSN 305.

BUSN 429 Advanced Marketing Management (3)

Class Number: 18577 Instructor: Robert Tangsrud

This course provides an advanced look at the scope and nature of marketing, and offers the student opportunity to develop his/her ability to use knowledge and analytical skills gained in other marketing and business courses. Students will be afforded occasion to explore and engage with topics crucial to the development. Implementation, and control of marketing programs and activities designed to build, measure, and manage brands and brand equity. Pre-req. BADM 301.

BUSN 430 Professional Leadership (3)

Class Number: 14546 Instructor: Robert Johnston

This course is designed to provide the student with understanding and experiences in multiple frameworks of leadership-interest, awareness, exploration, demonstration. The instruction will focus on understanding what leadership is all about and the theory that surrounds position, personal, transactional, transformational, and situational leadership. In addition, other aspects of leadership and leadership theory will be studied. The student will also identify leaders within a local community and use spontaneous leadership opportunities to apply the knowledge gained while enhancing his/her leadership potential. Pre-req. Junior standing.

BUSN 482 Business Comprehensive (3)

Class Number: 14551 Instructor: Robert Tangsrud

A capstone project for students completing the B.A.S. degree with a major in Business Administration. The project is to be initiated during the first semester of the senior year. The student will work with a faculty member to develop the project, which will culminate in a senior paper and multimedia presentation open to all interested persons. S/U grading. This course fulfills LEAP requirements and must be completed through Mayville State University.



Early Childhood (online)

EC 310 Strategies in Early Elementary (3)

Class Number: 14783 Instructor: Kelli Odden

This course includes planning for instruction, learning styles, cooperative learning, and classroom management. Development of a reflective teaching lesson that incorporates Developmentally Appropriate Practice is essential. The focus of this course includes a 30 hour field experience working with preschool to third grade students. This practice teaching experience will allow students to implement teaching strategies learned in this course. Pre-req: EC 210, EC 211, EDUC 250, EDUC 298. Only available to cohort students in B.S.Ed. Early Childhood Education.

EC 320 Infants and Toddlers (3)

Class Number: 14786 Instructor: Katherine Keating

This course is designed for students in the Early Childhood Program. Topics include the care of infants and toddlers in group settings, current issues and trends in the profession, and working with parents. The beliefs and values of other cultures as they relate to infant/toddler care are also explored. Students will learn about play, the stages of cognitive, social, affective and physical development of very young children and will observe infants and toddlers, ages 0-30 months in group settings. Students will learn to identify family, cultural and community influences on child development. Pre-requisite: None. Spring on campus.

EC 322 Administration and Leadership in ECE (3)

Class Number: 14787 Instructor: Staff

This course focuses on the development and administration of Early Childhood programs, based on QUALITY childcare research and child development theories. Students will become familiar with the management aspects of childcare programs. Such topics as: health and safety regulations, finance, working with parents and the community, and licensing requirements will be considered. Students will also focus on leadership and building their skills in educational leadership. Educators who will be teaching in birth to third grade classrooms. Pre-req. EC 210, EC 211.

EC 338 Home, School, Community Relations (3)

Class Number: 14788 Instructor: Kelli Odden

Students will learn how to establish and maintain positive collaborative relationships with families, how to apply family system theories, and how to communicate effectively not only with parents but also with other professionals and agencies that support children's development. Students will learn how to provide families with information regarding a range of family-oriented services that are designed to help families' identified needs. Students will learn to affirm and respect the diversity of individual families. Educators who will be teaching in birth to third grade classrooms. Pre-req. EC 210 or EDUC 250.

EC 341 Learning Environments for Infants and Toddlers (3)

Class Number: 14789 Instructor: Carol Enger

Students in this course will use their knowledge of how children develop to provide opportunities that will support the physical, social, emotional, language, cognitive and aesthetic development of infants and toddlers. Students will create, evaluate and select developmentally appropriate materials, equipment, environments and activities for very young children. Pre-req. EC 210, EC 211.

EC 375 Supervised Tutorial Experience (3)

Class Number: 14791 Instructor: Carol Enger

This course will give the student a supervised tutorial or apprenticeship-type experience in an approved early childhood (community or university) setting. Students will have the opportunity to develop and expand skills in their chosen specialty areas. Consideration for placement will include the specialty area, availability of sites and supervisors, and individual student interest and experience. This course is to be taken at the conclusion of the specialization courses. The pre-reqs for each specialization are as follows: Administration-EC 322; for After School-EC 333; for Infant/Toddler-EC 320; for Special Needs-SPED 337.

EC 398 Child Development Internship (6)

Class Number: 14796 Instructor: Kelli Odden

The purpose of this course is to relate what is learned in the early childhood classes to actual teaching practices. This six credit course is intended for students who have not had an internship in an Associate of Arts program. Students will teach both formal and informal (play) activities under supervision with children ages 0-5. The setting for this internship will be different from the setting for EC 375, so that students get a variety of experiences. They will need 300 hours minimum direct contact with children. Students will demonstrate their respect and acceptance of their children's families and their social and cultural backgrounds. This experience occurs at the conclusion of the major and specialization course work. Pre-req. or Co-req. EC 412, 418.

EC 398A BA Internship (3)

Class Number: 14798 Instructor: Kelli Odden

This course is intended for students in the Bachelor of Arts Early Childhood program who already have an Associate of Arts with an internship. Students will teach both formal and informal (play) activities with children ages 0-5, under supervision, in a setting that is different from the setting where they completed their AA degrees and different from their EC 375 setting. They will need a minimum of 150 hours direct contact with children. Students will demonstrate their respect and acceptance of their children's families and their social and cultural backgrounds. This experience occurs at the conclusion of the major and specialization course work. Pre-req. or Co-req. EC 412 and EC 418.

EC 418 Technology, Math, and Science in ECE

Class Number: 14808 Instructor: Katherine Keating

The purpose of this course is to give students the opportunity to develop creative ways to involve children with math, science and technology. Practical advice for infusing math, science and technology as an integrated curriculum will be addressed and discussed. In addition, how to make the most of available technologies to spark children's learning and imagination while integrating the natural pairing of math, science, and technology will be explored. Pre-req. EC 333.

EC 495 Service Learning in ECE

Class Number: 14815 Instructor: Carol Enger

The purpose of this course is to give the students an early childhood educational experience in which they will participate in an out-of-class community service project. This course fulfills LEAP requirements and must be completed through Mayville State. This project will challenge them to demonstrate social and personal responsibility as they confront contemporary issues and become actively involved with diverse communities. Consideration for placement will include: specialty area, availability of sites, and student interest and experience.



Education (online)

EDUC 250 Introduction to Education (2)

Class Number: 14826 Instructor: Brittany Hagen

This course provides students with historical, philosophical, social, and psychological foundations of education. Study of the structure and roles of the local, state, and federal government within the American educational system is a focus of the course along with student-led research on global educational systems, diversity and multi-culturalism in education, and current trends in curriculum and instruction. Students will be introduced to the professionalism of teaching. Pre-req. Completion of ENGL 110, ENGL 120 with a grade of "C" or higher. Co-req. EDUC 298, EDUC 272.

EDUC 272 Educational Technology (1)

Class Number: 14828 Instructor: Brittany Hagen

The purpose of this course is to develop background knowledge and training for teacher education candidates in the use of educational technologies. The course will focus on instructional methods using technologies to support student learning and achievement. Teacher candidates will learn to use technology as a tool for teaching to support student engagement and motivation. Teacher candidates will demonstrate developing proficiencies in the use of educational technologies to create interactive teaching and learning opportunities. This course uses the National Educational Technology Standards and INTASC principles to guide learning experiences. Co-req. EDUC 250 and EDUC 298.

EDUC 276 Praxis Core Academic Skills Test Prep (1)

Class Number: 15027 Instructor: Kelly Kornkven

This course is designed to support students in earning scores that meet or exceed the North Dakota State Requirements for the Praxis Core Academic Skills for Educators test in reading, mathematics, and writing. Focused study on core content areas of the exams enable students to review content while learning to use proven test-taking strategies. Instruction and guidance with specific formats for writing provide support for students in preparing for the essay component of the exam. Practice exams allow students to apply course content. Differentiated instruction is provided to meet individual study needs in this arranged course. Course may be repeated for Praxis exam preparation or focused study post exam. S/U grading.

EDUC 298 Pre-Professional Field Experience and Skills Development (1)

Class Number: 15029 Instructor: Staff

Students taking this course will complete a pre-professional field experience to gain practical experience while observing teaching practices in the classroom setting and completing activities with students or activities that contribute to the daily operations of the classroom as assigned by the cooperating teacher. Prospective teacher candidates will identify the instructional and logistical responsibilities of teachers within a local K-12 education system during the field experience. Students will receive support in preparing and registering for the Praxis Core Academic Skills for Educators tests. Pre-req. Completion of ENGL 110, ENGL 120 with a grade of "C" or higher. Co-req. EDUC 250, EDUC272.

. Specific topics addressed also include classroom management, educational diagnosis, assessment and interpretation, and practical applications. Pre-req. PSYC 111, and Junior standing.

EDUC 351 Remedial Reading Practicum (1-2)

Class Number: 15092 Instructor: Andrea Dulski-Bucholz

Cross-listed with SPED 351. This course requires teacher candidates to apply research-based assessment, diagnostic, differentiated and corrective reading strategies studied in EDUC 350 in a field-based experience. Initial weekly faculty guidance prepares teacher candidates for the field experience where they will complete and analyze assessments, and plan and implement research-based interventions in reading instruction for a student assigned by the in-school mentor teacher. Pre and post lesson observation conferences will be conducted by faculty and/or mentor teachers with teacher candidates throughout the field experience. Lesson planning, instruction, reflective journaling, and a case study analysis paper contribute to the skill development of teacher candidates in the specific area of instructional and corrective reading intervention. This course must be taken for 2 credits for the North Dakota Reading Credential. Special Education Majors may choose the 1 S.H. option. Pre-req. Admission to teacher education, EDUC 350.

EDUC 380 Teaching English Language Learners (1)

Class Number: 15093 Instructor: Laura Parson

This course will cover 15 topics related to the education of ELLs to include: Use of Home Language Survey, administration and screening assessments, Federal and State Laws on ELL programming and the Rights of ELL's, Federal Title III program guidelines and school requirements, LEP/ELL accommodations for assessment and instruction, ND Century and Administrative Code regarding ELL Programs and Services, Targets, Criteria and Accountability for ELL, Exit Criteria, ACCESS for ELLs annual assessment, and Individualized Language Plans & ELL Program Models. Teacher candidates will develop understandings of programs options for ELL's and learn how to make instructional decisions to respect the individual strengths and needs of English Language Learners based upon ELD Standards and Can-Do Descriptors. Pre-Req. Admission to Teacher Education. Co-Req. EDUC 381. Experimental Course.

EDUC 436 Kindergarten Methods (2)

Class Number: 15104 Instructor: Staff

This course emphasizes developmentally appropriate practices for instruction in the kindergarten classroom. Students design and assess teacher-made materials, demonstrate skills in student assessment and use of research-based instructional strategies to teach early literacy, science, mathematics, arts, music and movement, and social studies. Students will develop and implement lesson plans that support differentiated instruction and child-directed activities for kindergarteners. Students learn strategies to develop supportive home-school relationships and classroom volunteer networks. BSED EC students are required to take this as a co-req with EC311 in summer Block session. Pre-reqs. EDUC 250, EDUC 298, EC 210, EC 211. Co-req. EC 311 (for BSED EC students).

SPED 344 Augmented and Alternative Communication (3)

Class Number: 15130 Instructor: Tori Johnson

This course is designed to increase knowledge of the use of Augmented Communication Systems and alternative communication to enable children who are severely communicatively impaired (e.g., neurological; pervasive developmental disorders; sensory impairments) with a way to communicate. The emphasis will be on various types of ACS. Alternative systems (Bliss Symbol Board; Cued Speech), appropriate intervention strategies, procedures and guidelines for implementation.

SPED 351 Remedial Reading Practicum (1-2)

Class Number: 15132 Instructor: Andrea Dulski-Bucholz

Cross-listed with EDUC 351. This course requires students to apply diagnostic and remedial reading teaching strategies in a field-based experience. Weekly student-faculty interactions prepare the students for field experience and then provide support for interventional practices while students are teaching in their practicum experience. Students will complete a case study analysis of their teaching experience. This course is required for the North Dakota Reading Credential. Pre-req. SPED 350.

SPED 382 Intellectual Disabilities (3)

Class Number: 15133 Instructor: Staff

This course is designed to focus on the characteristics of and researched strategies for teaching children, youth and young adults with intellectual disabilities (also known as developmental or cognitive disabilities). Areas of study include terminology and etiological factors, legal parameters, assessment techniques, influence of cultural variables, current issues, and effective methods and materials of instruction. Pre-req. SPED 389. Co-req: SPED 383.

SPED 383 Intellectual Disabilities Practicum (1-2)

Class Number: 15134 Instructor: Staff

This clinical course is designed for students who are earning a degree in special education and completion coursework on individuals with intellectual disabilities. The course is a field experience in a regional school or outside agency that serves individuals with intellectual disabilities (30 hours for 1 credit and 60 hours for 2). Students will apply concepts and methods in a special education setting from the accompanying methods course. The student performs other duties as delegated. Elementary and Secondary Special Education majors must enroll in 2 credits to be eligible for licensure. Prereq. SPED 389. Co-req. SPED 382.

Nursing (online)

NURS 310 Informatics and Health Care Technologies (2)

Class Number: 15309, 15311 **Instructor:** Monica Ptacek

Introduction to nursing informatics as a means to improve information management in health care. Consideration of health care technologies and ethical and financial criteria in relation to the quality of their outcomes. Co-req. NURS 350.

Class Dates: 09/29/2016—11/02/2016

NURSE 350 Baccalaureate Role Development (3)

Class Number: 15313, 15314 **Instructor:** Collette Christoffers

Consideration of the nursing metaparadigm (client/patient, nurse/nursing, health/illness, environment/system) from different nursing theoretical perspectives in order to develop as care provider and manager of care. Special emphasis on the nature of a profession and professional values. Co-req. NURS 310.

Class Dates: 08/22/2016—09/28/2016

NURS 441 Population-Focused and Community-Based Nursing Care I (4)

Class Number: 15315 **Instructor:** Kari Matthys

Exploration of population-focused nursing care in community settings. Emphasis on health promotion and illness prevention. Consideration of cultural competence in nursing career. Pre-req. NURS 310, NURS 350.

Class Dates: 08/22/2016—09/28/2016

NURS 442 Population-Focused and Community-Based Nursing Care II (2)

Class Number: 15253 **Instructor:** Kari Matthys

Application of theories and principles of population-focused in a community setting. Assigned clinical projects will be completed under the direction of the faculty. Requires 40 hours in a community setting supervised by a qualified nursing preceptor. Hours can be completed within the five-week block assigned for 442. Pre-req. NURS 441.

Class Dates: 09/29/2016—11/02/2016

NURS 450 Issues in the Health Care System (3)

Class Number: 15254, 15255 **Instructor:** Kari Matthys

Consideration of the current and emerging forces that will affect the quality of health care delivered to the population, particularly those residing in rural settings. Issues related to health-care relevant policy, finance, and regulation will be included. Pre-req. or Co-req. NURS 310, NURS 350.

Class Dates: 09/29/2016—11/02/2016

NURS 460 Ethical Dilemmas in Health Care (3)

Class Number: 15256, 15257 **Instructor:** Collette Christoffers

Overview of the ethical dilemmas encountered in health care. Application of ethical principles to the complicated situations encountered by nurses, with a special consideration of vulnerable populations and end-of-life care. Pre-req. or Co-req. NURS 310, NURS 350.

Class Dates: 11/03/2016—12/09/2016



HPER (Health, Physical Education, and Recreation), Math, & Science (online)

HPER 100 Concepts of Fitness & Wellness (2)

Class Number: 14344 **Instructor:** David Moe

A course designed to introduce the concepts of overall wellness to students of all ages. The course will be focused mainly on the different aspects of physical fitness and the interrelationship with the other facets of wellness. Students will have the opportunity to self-evaluate their fitness, design a program of fitness with specific guidelines, and try different methods of developing and improving their health. One-and-one-half-hours of lecture and one hour of laboratory per week. Pre-req. None.

HPER 217 Personal & Community Health (2)

Class Number: 14360 **Instructor:** Staff

Study of personal health over the life span to include emotional and mental health, the effects of substance abuse on emotional, physical, and social health, the physical and emotional aspects of human sexuality, and, study of community and environmental health. Pre-req. None.

HPER 222 Nutrition (3)

Class Number: 14362 **Instructor:** Ashley Vandeven

Study the basic principles of nutrition and current nutritional facts. Examination will also include meeting nutritional needs in society and throughout the lifecycle. Pre-req. None..

HPER 315 Movement Education in Early Childhood (2)

Class Number: 14378 **Instructor:** Ashley Nelson

This course is designed for the early childhood educator (birth-8 years) and HPER majors and minors. Students will explore the importance of developmentally appropriate movement education for young children. Developing and implementing a movement education curriculum is at the core of this course. Areas to be covered include child development as it relates to movement education, planning appropriate games and activities for children at varying levels of development, and practical application of a movement curriculum in an early childhood setting. Pre-req. EC 210 and EC 211 or EDUC 210 and EDUC 211 for education majors. No Pre-req. for HPER majors/minors.

HPER 321 Foundations and Methods of Coaching (2)

Class Number: 14384 **Instructor:** David Pena

The course is designed to assist coaches in creating a healthy age-appropriate athletic experience. The course will identify the role of a coach, professional development of coaches as managers, teaching and modeling behavior, physical conditioning and nutrition of athletes, and ethics. Students will learn how to develop and prepare instructional plans. They will learn the methods and principles of teaching. Good coaching is good teaching. The values that students need on the playing field and in life will be stressed.

HPER 360 Sport and Exercise Psychology (2)

Class Number: 14386 **Instructor:** Lindsey Johnson

Examination of psychological constructs influencing the competitive sport process, motor performance, and exercise behavior, as well as the influence of sport and exercise on

psychological and motor factors.

HPER 369 Principles of Sport Management (3)

Class Number: 14403 **Instructor:** Lindsey Johnson

This course will allow students to look at the management side of the diverse and expanding field of sport and recreation. The course is designed to provide a comprehensive look at the basic organizational structures found in the sport industry. Students will examine applications of managerial concepts and processes, and the ways in which organizations interact with each other and with other governing bodies.

HPER 443 Adapted Physical Education Practicum Pre-K-6) (1)

Class Number: 14454 **Instructor:** David Pena

Field experience will consist of working with individuals with disabilities in Pre-K-6. Students will complete 40 hours of practicum experience. Pre-req. None.

HPER 444 Adapted Physical Education Practicum 7-12 (1)

Class Number: 14460 **Instructor:** David Pena

Field experience will consist of working with individuals with disabilities in grades 7-12. Students will complete 40 hours of practicum experience. Pre-req. None.

MATH 103 College Algebra (3)

Class Number: 15240 **Instructor:** Melanie Herman

Relations and functions, equations and inequalities, complex numbers; polynomial, rational, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and summation. Pre-req. Minimum 21 ACT Math score, ASC 093 or equivalent with a grade of "C" or higher. Essential Studies.

MATH 105 Trigonometry (2)

Class Number: 15242 **Instructor:** Robert Miess

Angle measure, trigonometric and inverse trigonometric functions, trigonometric identities and equations, polar coordinates, applications. Pre-req. MATH 103 or consent of the instructor. Essential Studies.

MATH 165 Calculus I (4)

Class Number: 15248 **Instructor:** Fredrick Strand

Limits, continuity, differentiation, Mean Value Theorem, integration, Fundamental Theorem of Calculus, applications. Prereq. MATH 103, MATH 105. Essential Studies.

MATH 277 Math for Elementary Teachers (3)

Class Number: 15246 **Instructor:** Mary Townsend

A mathematics content course for prospective elementary school teachers. Topics include problem solving, numeration systems, real numbers, number theory, geometry, probability, statistics, and algebra. Math manipulatives are used in the course. Pre-req. MATH 103 or equivalent.

MATH 323 Probability & Statistics (3)

Class Number: 17775 **Instructor:** Fredrick Strand

A course beginning with the study of probability and continuing with the mathematical theory of statistics from the set theoretic point of view. Pre-req. MATH 103 or equivalent.

BIOL 150 General Biology I (3)

Class Number 15149 **Instructor:** Sarah Sletten

Selected principles of biology with emphasis on processes, to include cell structure and chemistry, cellular respiration, photosynthesis, homeostasis, genetics, and protein synthesis. Three hours of lecture per week. Pre-req. None. Co-req. BIOL 150L. Essential Studies.

BIOL 150L General Biology I Lab (1)

Class Number: 15157 **Instructor:** Sarah Sletten

Laboratory exercises designed to explore proper lab technique, cell structure and chemistry, cellular respiration, photosynthesis, homeostasis, genetics, and protein synthesis. Two hours of lab per week. Pre-req. None. Co-req. BIOL 150. Essential Studies.

BIOL 220 Anatomy & Physiology I (3)

Class Number: 15165 **Instructor:** Joseph Mehus

Three lecture hours per week. The study of anatomy and physiology of the human body will be studied as an integrated topic. This is the first course of a two course sequence. Topics covered in this course will include organization from atomic structure to organ level structure, the integumentary system, skeletal, muscular, respiratory and cardiac systems. Pre-req. None. BIOL 111 or BIOL 150 or equivalent and CHEM 121 are highly recommended. Co-req. BIOL 220L. Essential Studies.

BIOL 220L Anatomy & Physiology I Lab (1)

Class Number: 15167 **Instructor:** Joseph Mehus

Two laboratory hours per week. Laboratory topics to be covered are designed to complement the materials studied in BIOL 220. Topics include activities related to cellular structure, micro- and macroscopic observations and interpretations of cellular, tissue, integument, skeletal, muscular, cardiac system structures and tissues, and dissection of animal specimens. Activities related to the study of physiology are also included. Co-req. BIOL 220. Essential Studies.

BIOL 221 Anatomy & Physiology II (3)

Class Number: 15169 **Instructor:** Joseph Mehus

Three lecture hours per week. The study of anatomy and physiology of the human body will be studied as an integrated topic. This is the second course of a two course sequence. Topics which will be covered include the nervous, endocrine, digestive/metabolism, urinary, and reproductive systems. Elements of development and growth, and of human genetics will also be considered. Pre-req. None. BIOL 111 or BIOL 150 or equivalent, BIOL 220/220L, and CHEM 121 are highly recommended. Essential Studies.

BIOL 221L Anatomy & Physiology II Lab (1)

Class Number: 15171 **Joseph Mehus**

Two laboratory hours per week. Laboratory topics to be covered are designed to complement the materials studied in BIOL 221. Topics include activities related to the nervous, endocrine, digestive, urinary, and reproductive systems. Genetics and developmental topics will be reviewed. Microscopic specimens will be examined as appropriate. Animal specimens will be dissected and activities related to the study of human physiology are also included. Co-req. BIOL

HPER (Health, Physical Education, and Recreation), Math, & Science (online)

SCNC 102 Physical Science (3)

Class Number: 15268 **Instructor:** Jeffrey Hovde

An essential studies course designed for the non-science major which includes an introduction to the fundamental behavior of matter and energy. Includes elements of physical and chemical science. Pre-req. None. Co-req. SCNC 102L. Essential Studies.

SCNC 102L Physical Science Lab (1)

Class Number: 15271 **Instructor:** Jeffrey Hovde

A laboratory experience for physical science. Co-req. SCNC 102. Essential Studies.

Physics (online)

PHYS 211 College Physics I (3)

Class Number: 15259 **Instructor:** Thomas Gonella

This course consists of two hours of laboratory per week and the assignments will be applicable to lecture. The students will collect data using interfaced probeware, analyze data using spreadsheet software, and investigate more complex concepts in physics by using simulation software. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 211.

PHYS 211L College Physics I Lab (1)

Class Number: 15291, 15300 **Instructor:** Thomas Gonella

This course consists of two hours of laboratory per week and the assignments will be applicable to lecture. The students will collect data using interfaced probeware, analyze data using spreadsheet software, and investigate more complex concepts in physics by using simulation software. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 211.

PHYS 212 College Physics II (3)

Class Number: 15261 **Instructor:** Thomas Gonella

Three hours of lecture. An algebra-based physics course designed to provide a general, conceptual understanding of the principles of physics related to thermodynamics, waves, sound, electricity, magnetism, light, and optics. Students should have already completed PHYS 211 before enrolling in this course. Students should co-enroll in PHYS 212L.

PHYS 212L College Physics II Lab (1)

Class Number: 17779, 17787 **Instructor:** Thomas Gonella

This course consists of two hours of laboratory per week and the assignments will be applicable to lecture. The students will collect data using interfaced probeware, analyze data using spreadsheet software, and investigate more complex concepts in physics by using simulation software. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 212.

PHYS 251 University Physics I (4)

Class Number: 15262 **Instructor:** Thomas Gonella

Four hours of lecture. A calculus based physics course designed to provide Science and Engineering majors with a deeper understanding of the principles of physics related to motion, energy, properties of matter, and thermodynamics. This course is intended as an alternative to PHYS 211, not sequential to it. Upon transferring to another NDUS institution, the four course credits obtained in taking this course at MSU may be reduced to three credits. Students should have already completed MATH 165 before enrolling in this course. Students should co-enroll in PHYS 251L.

PHYS 251L University Physics I Lab (1)

Class Number: 15293, 15301 **Instructor:** Thomas Gonella

This course consists of two hours of laboratory per week and the assignments will be applicable to lecture. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 251.

PHYS 252 University Physics II (4)

Class Number: 15263 **Instructor:** Thomas Gonella

Four hours of lecture. A calculus-based physics course designed to provide Science and Engineering majors with a deeper understanding of the principles of physics related to thermodynamics, waves, sound, electricity, magnetism, light, and optics. Students should have already completed MATH 165 before enrolling in this course. Students should co-enroll in PHYS 252L.

PHYS 252L University Physics II Lab (1)

Class Number: 17784, 17790 **Instructor:** Thomas Gonella

This course consists of two hours of laboratory per week and the assignments will be applicable to lecture. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 252.

Psychology (online)

PSYC 111 Introduction to Psychology (3)

Class Number: 15237 **Instructor:** Codie Davis

This is an introductory survey of the basic approaches and concepts used to explore the diversity of human experience, development, and behavior, including important research in the area and application of everyday life. Pre-req. None. Essential Studies.

PSYC 255 Child & Adolescent Psychology (3)

Class Number: 17975 **Instructor:** Lynn Dilivio

Cross-listed with EDUC 255. This course is designed to cover specifically the cognitive, physiological, social and emotional aspects of human development from conception to early adulthood. Special emphasis is placed on the development of students of diversity. THIS COURSE IS THE REQUIREMENT FOR ALL EDUCATION MAJORS (early childhood, pre-school, elementary, middle and secondary education). Applied Psychology majors should enroll in PSYC 250. It is strongly recommended that PSYC 399-Readings in Psychology (1 S.H.) be a Co-req. for better preparation in the students' specialty area. Pre-req. PSYC 111.

PSYC 280 Group Dynamics (3)

Class Number: 15114 **Instructor:** Robert Bennett

This is a course designed to improve the student's understanding of the nature of group behavior and the techniques of group leadership in a variety of groups including diverse as well as homogeneous groups. The course contains units on principles of group dynamics, nature of leadership, discussion groups, committee procedures, formal meetings, and devices for stimulating group participation. Pre-req. PSYC 111.

PSYC 332 Applied Psychology (3)

Class Number: 15121 **Instructor:** Robert Bennett

This is a course that aims to relate principles of psychology to everyday life and vocations. Specific applications include studies in relations to industry, employment, commerce, professions, public relations, and traits of personality in diverse and homogeneous work settings. Pre-req. PSYC 111.

Students enrolling collaboratively from UND, NDSCS, or other NDUS institutions should contact the collaborative coordinator on their home campus to enroll.



IVN Remote (Interactive Video Network) and Synchronous Online Courses

ACCT 315 Business in Legal Environment (3)

Class Number: 14518 Instructor: Thomas Moe
IVN— MWF 8:00am-8:50am

The field of business law is introduced with emphasis on legal principles involved in contracts, agency, sales, warranties, and product liability. An overview of the American court system is also included. Pre-req. None.

ACCT 315 is an online synchronous course. Students enrolled in this course are required to login Monday, Wednesday, and Friday from 8:00-8:50 a.m.
IVN Sites: CCCC, LRSC and WSC.

ACCT 400 Individual Income Taxation (3)

Class Number: 14522 Instructor: Dustin Olson
IVN— MWF 12:00pm-12:50pm

A study of federal income tax laws applicable to individuals and small business. Pre-req. Junior standing.

ACCT 400 is an online synchronous course. Students enrolled in this course are required to login Monday, Wednesday, and Friday from 12:00-12:50 p.m.
IVN sites: CCCC, DCB, LRSC and WSC.

BUSN 310 Fundamentals of Real Estate & Insurance (3)

Class Number: 14532 Instructor: Thomas Moe
IVN— TTH 12:00pm-1:15pm

General introduction to real estate and insurance as a business and a profession including real property concepts, and liability, homeowner's, and personal automobile insurance concepts. Designed to prepare students for the real estate license exam, the insurance license exam, and for continuing professional education.

BUSN 310 is an online synchronous course. Students enrolled in this course are required to login Tuesdays and Thursdays from 12:00-1:15 p.m.
CCCC, DCB, LRSC and WSC

BUSN 451 Lending (3)

Class Number: 14548 Instructor: Staff
IVN— TTH 5:00pm-6:15pm

This course will focus on the loan underwriting process from the inception of the loan to ongoing documentation requirements during the term of the loan. Students will learn the steps involved in analyzing a loan based on the credit history of the borrower, cash flow of the business, collateral offered, capacity of the borrower and loan conditions as well as the ongoing support information required during the term of the loan. Students will also study the strate-

gies and skills necessary to solicit new loan and deposit business. Pre-req. BUSN 323.

BUSN 451 is an online synchronous course. Students enrolled in this course are required to login Tuesdays and Thursdays from 5:00-6:15 p.m.
IVN Sites: CCCC, DCB, LRSC and WSC

EDUC 301 Strategies in Elementary School (3)

Class Number: 15032 Instructor: Julie Schuler
IVN— TTH 5:00pm-7:50pm

This course is required of all elementary majors. This course includes planning for instruction, learning styles, cooperative learning and classroom management. Development of a reflective teaching lesson is also included. Elementary earth science is the focus of this course and involves an extended science teaching experience in the Mayville nature area (during F semester only) as well as developing an earth science teaching unit that is taught to fourth grade students. Lesson planning will be done using the Live Text format. Pre-req. Admission to Teacher Education. Co-req. EDUC 318, EDUC 324, MATH 307, MUSC 323, SCNC 321.

EDUC 301 is an online synchronous course. Students enrolled in this course are required to login Tuesdays and Thursdays from 5:00-7:50 p.m.
IVN Sites: LRSC, NDSCS, and WSC

EDUC 318 Reading in the Elementary School (3)

Class Number: 15056 Instructor: Ann Willeson
IVN— TTH 5:00pm- 7:50pm

An introductory course in the teaching of developmental reading at the elementary level. The course includes directed study and reflective research in reading instruction theory and a field-based experience. A balanced approach to literacy is used and includes a varie-

ty of instructional strategies with a focus on phonemic awareness, phonics, fluency, vocabulary, and comprehension. These five areas of reading instruction provide the foundation for teaching reading with students will apply in actual settings. Students will use Live Text format for creating lesson plans and complete online research for assignments. This course is required for Secondary/Special Education double majors. It is recommended double majors take MATH 307 and EDUC 318 at the same time. Pre-req. Admission to Teacher Education. Co-req. EDUC 301, EDUC 324, MATH 307, MUSC 323, SCNC 321

EDUC 318 is an online synchronous course. Students enrolled in this course are required to login Tuesdays and Thursdays from 5:00-7:50 p.m.
IVN Sites: LRSC, NDSCS, and WSC

SCNC 320 Science for Elementary Teachers I (3)

Class Number: 15273 Instructors: Jeffrey Sieg
IVN— M 5:00pm-7:30pm

This course is designed as an activity based course intended to introduce strategies and methods for elementary science instruction in grades K-8. The content basis for this course is physical science. Some content in addition to methodology will be an added component of the course. Pre-req. SCNC 102 and SCNC 102L.

SCNC 320 is an online synchronous course. Students enrolled in this course are required to login Mondays from 5:00-7:30 p.m.
IVN Sites: LRSC, NDSCS, and WSC



**Definition of
Online Synchronous:
Students do their work in
the online environment,
but are required to join
scheduled Class times via
Polycom Real Presence
with a web camera and
microphone.**

CHECK OUT:

www.mayvillestate.edu/msu-online

Find online student resources, updates on class offerings, and more!

Academic Information

High School Sophomores, Juniors and Seniors

High school students classified as sophomores, juniors, and seniors may enroll as special students or earn dual credit. To qualify, the student must have a 3.0 GPA and be recommended by his/her high school principal or superintendent.

Information regarding dual credit may be obtained from your high school principal from the MSU office of Extended Learning at 701-788-4667.

Kindergarten Endorsement

Kindergarten endorsement is available to licensed North Dakota elementary teachers, by completing the following courses:

EC 210 - Introduction to ECE (3)

EC 211 - Observation, Assessment and Interpretation Techniques (3)

EC 313 - Language/Literacy in ECE (3)

EC 337 - Special Needs in ECE (3)

EDUC 436 - Kindergarten Methods (2)

Current Mayville State students who wish to teach kindergarten must complete the Early Childhood Education minor, EDUC 436 - Kindergarten Methods, and enroll in five (5) S.H. of kindergarten student teaching.

Note: ESPB administrative rules are available on the ESPB Web Site: <http://www.nd.gov/espb/about/rules.html>.

Reading Credential

Students may work for the North Dakota Reading Credential that is required for all remedial reading teachers. The following applicable courses are offered online:

EDUC 350 - Remedial Reading (3)

EDUC 351 - Remedial Reading Practicum (2)

ENGL 426 - Reading in the Content Area (3)

How to apply and register

Visit www.mayvillestate.edu and click on "Apply Now" to complete the online application for admission. A one-time \$35 application fee is required for new students.

Pre-registration will begin on April 5, 2016. Registration for courses will continue until the beginning of each session. Courses require a minimum number of pre-registered students. Any course may be cancelled due to low enrollment. Students will be informed of any cancellation affecting their enrollment before the beginning of the class.

Extended Learning Course Registration

To register for any of the Extended Learning Courses offered (exception listed below), go to Campus Connection. If you have any questions regarding an Extended Learning course, or how to register for the course, please call 1-800-437-4104, ext. 34667.

To register for BIOL 220/220L or BIOL 221/221L (**Anatomy & Physiology**) go to www.mayvillestate.edu and "Msonline", then click on "Schedule and Registration Information".

Course materials and required supplies for Extended Learning Courses can be ordered at www.mayvillestatebookstore.com. If you have any questions, please call 1-800-437-4104, ext. 34823 to reach the MSU Bookstore.

For more information call 1-800-437-4104

Admissions and Extended Learning
Office of Extended Learning, ext. 34667
ExtendedLearning@mayvillestate.edu

Financial Aid
Financial Aid, ext. 34893
Fin_Aid@mayvillestate.edu

Registration
Office of Academic Records, ext. 34774
records@mayvillestate.edu

