

| PLEASE NOTE:<br>- This list is <b>NOT</b> all-inclusive. There may be classes eligible for Start College Now that do not appear on this list.<br>- If you notice a course that is not on this list and should be, <b>OR</b> if you notice any errors on this list, please reach out to <a href="mailto:startcollegenow@nwtc.edu">startcollegenow@nwtc.edu</a><br>*Course has prerequisites that must be met.<br>**Course requires admission to an academic program. |                |                                     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |                      |
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| Program Area                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Catalog Number | Class Title                         | Credits | Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | Prerequisite                                             | Course Availability  |
| Agriculture, Food, & Natural Resources                                                                                                                                                                                                                                                                                                                                                                                                                              | 10090111       | Sustainable Ag: Issues & Practices  | 2.00    | 10-090-111 SUSTAINABLE AG: ISSUES & PRACTICES ...use critical thinking skills to compare organic and sustainable agricultural practices with industrial agriculture. Explore food production issues including antibiotics, herbicides, hormones, GMOs, animal welfare, crop yields, nutrients, and pollution.                                                                                                                                            | N/A                                                      | Fall                 |
| Agriculture, Food, & Natural Resources                                                                                                                                                                                                                                                                                                                                                                                                                              | 10090303       | Agribusiness Economics              | 3.00    | 10-090-303 AGRIBUSINESS ECONOMICS ...basic knowledge of macro and micro economics will be taught, proficiency in developing basic cash flows, cost benefit analysis, enterprise analysis, budget development, profit loss statements and developing cost of production. Student should be able to develop adequate information for farm manager to analyze business proposals.                                                                           | N/A                                                      | Fall                 |
| Agriculture, Food, & Natural Resources                                                                                                                                                                                                                                                                                                                                                                                                                              | 10091326       | Intro to Dairy Science              | 3.00    | 10-091-326 INTRO TO DAIRY SCIENCE ...this course provides basic knowledge of the dairy science field. Topics include animal health, anatomy and physiology, genetics and reproduction, basic breed characteristics and animal feedstuffs.                                                                                                                                                                                                                | N/A                                                      | Fall                 |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10101110       | Accounting 1                        | 4.00    | 10-101-110 ACCOUNTING 1 ...accounting principles, financial statements, business transactions, accounting cycles/systems, specialized journals, accounting for cash and receivables for sole proprietors in service or merchandising businesses.                                                                                                                                                                                                         | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10101106       | Accounting Principles               | 3.00    | 10-101-106 ACCOUNTING PRINCIPLES ...this course provides the opportunity to learn the fundamentals of the accounting cycle, recording business transactions, preparations of the financial statements, financial statement analysis, accrual accounting, accounting for cash and internal controls, and payroll.                                                                                                                                         | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10101190       | Quickbooks                          | 1.00    | 10-101-190 QUICKBOOKS ...an introductory course in using QuickBooks to create vendor/employee accounts, invoices, budgets, profit/loss statements, balance sheets, A/R, A/P, journals, graphs.                                                                                                                                                                                                                                                           | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10102132       | BA Strategy Analysis & Evaluation * | 3.00    | 10-102-132 BA STRATEGY ANALYSIS & EVALUATION ...identify and define business needs; understand business structure, strategy, and impact of work efforts; define the importance of vision, strategy, goals and objectives; and define solution scope. Effectively facilitate change management.                                                                                                                                                           | Prerequisite: 10-102-130, Requirements Analysis & Design | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10102158       | Business Principles                 | 3.00    | 10-102-158 BUSINESS PRINCIPLES ...economics and business; global business; ethics and social responsibility; types of business ownership; entrepreneurship; role of management: operations management; human resources; marketing; managing financial resources and legal issues impacting business.                                                                                                                                                     | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104176       | Consumer Behavior                   | 3.00    | 10-104-176 CONSUMER BEHAVIOR ...examine consumer motivation and personality, information processing, lifestyles, group influences, post-purchase and post-purchase behavior in a market-based economy.                                                                                                                                                                                                                                                   | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10106172       | Customer Contact Skills             | 1.00    | 10-106-172 CUSTOMER CONTACT SKILLS...a hands-on approach to dealing with customers on the phone and in-person. Students will develop effective and efficient telephone etiquette, messaging, and voicemail skills.                                                                                                                                                                                                                                       | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104191       | Customer Experience                 | 3.00    | 10-104-191 CUSTOMER EXPERIENCE ...examine customer service culture, develop communication and listening skills, explore diversity in the workplace, develop skills for handling challenging customers, and explore the impact of technology on customer service and engagement.                                                                                                                                                                          | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104172       | Digital Marketing                   | 3.00    | 10-104-172 DIGITAL MARKETING ...an introduction into online marketing content management. From content creation and scheduling to current and trending digital tools, prepare for a world that is growing and changing every day. Create the foundation for a digital strategy that utilizes key concepts.                                                                                                                                               | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10145188       | Entrepreneurial Service Management  | 3.00    | 10-145-188 ENTREPRENEURIAL SERVICE MANAGEMENT ...the elements of your successful business with a strategic plan that focuses on servicing your customer with a winning attitude, performance, teamwork, and competition.                                                                                                                                                                                                                                 | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104125       | Event Marketing                     | 3.00    | 10-104-125 EVENT MARKETING...planning, promotion execution, and evaluation of special events (entertainment, industry, meeting/convention). Students will work toward the actual staging of an event (will require time outside of the classroom setting).                                                                                                                                                                                               | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10145186       | Financial Management-Small Business | 3.00    | 10-145-186 FINANCIAL MANAGEMENT-SMALL BUSINESS ...the importance of good recordkeeping systems, reports, and the records necessary for a small business. Financial analysis techniques are explored through hands-on Income statements and cash flow projections for small businesses.                                                                                                                                                                   | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10109126       | Hospitality finance                 | 3.00    | 10-109-126 HOSPITALITY FINANCE ...purchasing/receiving controls, storing/issuing controls, production controls, monitoring activities, sales controls, beverage controls, labor controls and financial statements.                                                                                                                                                                                                                                       | N/A                                                      | Spring               |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104107       | Integrated Marketing Communications | 3.00    | 10-104-107 INTEGRATED MARKETING COMMUNICATIONS ...creating, coordinating and integrating advertising, public relations and marketing activities for a specific customer or audience. A campaign will be developed and presented.                                                                                                                                                                                                                         | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10106114       | Keyboard-Speed Building             | 2.00    | 10-106-114 KEYBOARDING-SPEED BUILDING ...typing skill and speed development on the alphabetic and numeric keyboards using analytic/diagnostic software. Basic document processing.                                                                                                                                                                                                                                                                       | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10116113       | Labor Relations & Negotiations      | 3.00    | 10-116-113 LABOR RELATIONS & NEGOTIATIONS ...introduces the participant to the history of the labor movement and includes the legal collective bargaining processes while applying the learned skills with case studies, a mock negotiation of a realistic collective bargaining contract, and the simulation of a grievance arbitration.                                                                                                                | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10182157       | Logistics/Supply Chain Management   | 3.00    | 10-182-157 LOGISTICS/SUPPLY CHAIN MANAGEMENT ...logistics supply chain, demand management and customer service, procurement and supply management, global logistics, manufacturing, inventory management, warehousing, transportation and third-party logistics.                                                                                                                                                                                         | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104174       | Marketing Analytics                 | 3.00    | 10-104-174 MARKETING ANALYTICS ...will equip you with a theoretical understanding of the need for data-driven marketing decisions. It also provides the relevant tools in performing data collections and analysis in delivering Return on Investment (ROI).                                                                                                                                                                                             | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104110       | Marketing Principles                | 3.00    | 10-104-110 MARKETING PRINCIPLES ...marketing management, market segmentation, market research, consumer behavior, product decisions and management of distribution, pricing, promotional decisions for strategy planning.                                                                                                                                                                                                                                | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10145187       | Marketing Your Small Business       | 3.00    | 10-145-187 MARKETING YOUR SMALL BUSINESS ...implement and evaluate a marketing plan for their small business. Students will develop a marketing plan for a selected small business. Components of the plan include market research, customer focus, quality, pricing, and advertising.                                                                                                                                                                   | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10103131       | MS Excel Intro                      | 1.00    | 10-103-131 MS EXCEL INTRO ...creating worksheets, enhancing worksheet appearance, moving data between worksheets and workbooks, using formulas and functions, creating charts and using clip art. Windows experience improves success.                                                                                                                                                                                                                   | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10103161       | MS Outlook                          | 1.00    | 10-103-161 MS OUTLOOK ...create and organize E-mail, schedule meetings, create tasks, and manage contacts.                                                                                                                                                                                                                                                                                                                                               | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10103121       | MS Word Intro                       | 1.00    | 10-103-121 MS WORD INTRO ... word processing basics including creating, revising, formatting, printing; sections, tabs, multiple-page numbering; manipulating text; creating headers/footers; creating/formatting tables, graphics; and merging documents.                                                                                                                                                                                               | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10135115       | Online Search Strategies            | 3.00    | 10-135-115 ONLINE SEARCH STRATEGIES ...understanding of how search engines relate to the success of a website or web-based business by investigating the primary search engines and the tactics that can be used to increase visibility within search engines.                                                                                                                                                                                           | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10102168       | Operations Management               | 3.00    | 10-102-168 OPERATIONS MANAGEMENT ...the process of evaluating alternative courses of action to given problems and arriving at the most suitable plan. Entails thorough analysis of the pros and cons of every alternative solution. Explore features of production/service systems to include aggregate planning, forecasting techniques, scheduling, MRP and ERP, and inventory management systems. An operational simulation will apply the learnings. | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10116110       | Organizational Health and Wellness  | 3.00    | 10-116-110 ORGANIZATIONAL HEALTH AND WELLNESS ...introduces the student to the concepts involved in organizational wellness programs and the impact from a financial and human asset standpoint. Learners will research wellness programs, develop proposed systems for district-based organizations, and calculate projected cost savings from the implementation of these programs. Insurance principles will also be examined by the learner.         | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10145185       | Organizing Your Small Business      | 3.00    | 10-145-185 ORGANIZING YOUR SMALL BUSINESS ...the components of small business ownership; examining a variety of small business startup and operation scenarios. Assesses your own readiness to begin the entrepreneurial adventure.                                                                                                                                                                                                                      | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10110101       | Paralegal Intro/Legal Ethics        | 3.00    | 10-110-101 PARALEGAL INTRO/LEGAL ETHICS ...introduction to and exploration of the paralegal profession and paralegal roles; legal ethics, state and federal court systems; civil and criminal procedure; overview of substantive areas of law; locating and interpreting statutes and cases; drafting legal correspondence.                                                                                                                              | N/A                                                      | Summer, Fall, Spring |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104124       | Professional Presentations          | 1.00    | 10-104-124 PROFESSIONAL PRESENTATIONS ...learn how to create and deliver presentations that engage your audience and meet established objectives. Utilize current technology to enhance communications.                                                                                                                                                                                                                                                  | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10106181       | Professional Profile                | 3.00    | 10-106-181 PROFESSIONAL PROFILE ...developing a professional image and attitude, including study of business ethics and etiquette; goal setting; anger, stress, and time management; understanding of diverse cultures; and development of platform skills.                                                                                                                                                                                              | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10109168       | Restaurant Management               | 3.00    | 10-109-168 RESTAURANT MANAGEMENT ...food/beverage industry, product classifications, responsible service; bar/kitchen equipment/organization; maintaining clean/sanitary facilities; staffing, training, supervising food/beverage employees; promotions planning; budgeting/cost controls of food/beverage operations.                                                                                                                                  | N/A                                                      | Fall, Spring         |
| Business, Marketing, and HR                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10104101       | Selling Principles                  | 3.00    | 10-104-101 SELLING PRINCIPLES ...selling as a career; success factors in selling; personality development; product knowledge; and the sales process involving preparation, approach, presentation-demonstration, handling objections, and closing the sale successfully.                                                                                                                                                                                 | N/A                                                      | Fall, Spring         |

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| Business, Marketing, and HR | 10116114 | Training for Organizations            | 3.00 | 10-116-114 TRAINING FOR ORGANIZATIONS ...applies the skills and tools necessary to implement the training cycle of assessment, design, implementation and evaluation. Each learner will develop and present a complete training project based upon adult learning theory and instructional design techniques.                                                                                                                                                                                                                                                                                                                                 | N/A                                                                  | Fall, Spring         |
| Construction/Manufacturing  | 31421352 | Blueprint Reading/Sketching-Machine 1 | 2.00 | 31-421-352 BLUEPRINT READING/SKETCHING-MACHINE 1 ...fundamentals of sketching, orthographic projection, auxiliary views, sectional views, dimensioning, precision and non-precision measurement, and general print reading.                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                  | Fall                 |
| Construction/Manufacturing  | 31442301 | Material Cutting Apps                 | 1.00 | 31-442-301 MATERIAL CUTTING APPLICATIONS...visual inspection of weld and cut edges, manual and machine oxy fuel gas cutting, air carbon arc cutting, plasma arc cutting, and mechanical cutting methods.                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                                                                  | Fall, Spring         |
| Construction/Manufacturing  | 31442348 | Gas Metal Arc Welding 1*              | 1.00 | 31-442-348 GAS METAL ARC WELDING 1 ...course provides the opportunity for the learner to develop the knowledge, skills, process and understanding of welding in the flat and horizontal positions, fillet, pipe to plate and groove welds on plain carbon steel.                                                                                                                                                                                                                                                                                                                                                                              | 31442301 Material Cutting Apps                                       | Fall                 |
| Construction/Manufacturing  | 31442367 | Gas Metal Arc Welding Adv.*           | 4.00 | 31-442-367 GAS METAL ARC WELDING-ADV ...course provides the opportunity for the learner to develop the knowledge, skills, process and understanding of welding in the flat, horizontal vertical and overhead positions on fillet, pipe to plate, T-Joints (1F & 2F) and groove welds with and without backing (1G & 2G) on plain carbon steel using the spray mode of transfer and on aluminum.                                                                                                                                                                                                                                               | 31442301 Material Cutting Apps, 3144348 Gas Metal Arc Welding 1      | Fall                 |
| Construction/Manufacturing  | 31442342 | Shielded Metal Arc Welding 1*         | 1.00 | 31-442-342 SHIELDED METAL ARC WELDING 1 ...course provides the opportunity for the learner to develop the knowledge, skills, process and understanding of surfacing welds in the flat position, fillet and groove welds on plain carbon steel.                                                                                                                                                                                                                                                                                                                                                                                                | 31442301 Material Cutting Apps                                       | Fall                 |
| Construction/Manufacturing  | 31442366 | Shielded Metal Arc Welding Adv. *     | 4.00 | 31-442-366 SHIELDED METAL ARC WELDING-ADV ...course provides the opportunity for the learner to develop the knowledge, skills, process and understanding of welds in the horizontal, vertical, and overhead positions, on fillet and groove welds, with and without backing and overhead T-Joints on plain carbon steel.                                                                                                                                                                                                                                                                                                                      | 31442301 Material Cutting Apps, 3144348 Shielded Metal Arc Welding 1 | Fall                 |
| Construction/Manufacturing  | 10606116 | CAD Intro                             | 1.00 | 10-606-116 CAD (COMPUTER AIDED DRAFTING)-INTRODUCTION ...CAD terminology, drawing preliminaries, basic inquiry and setting commands, layer setting and manipulation, basic drawing and display commands, basic edit commands, and plotting, using AutoCAD software.                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                  | Fall, Spring         |
| Construction/Manufacturing  | 10606160 | Solidworks Fundamentals               | 1.00 | 10-606-160 SOLIDWORKS FUNDAMENTALS ...introduces terminology; software operation and interface layout. It also exposes the student to creating basic models, assemblies & using the drawing environment.                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                                                                  | Fall                 |
| Construction/Manufacturing  | 31804304 | Vocational Math A                     | 1.00 | 31-804-304 VOCATIONAL MATH A ...This course provides the opportunity for the learner to develop the knowledge and skills to apply the concepts of whole numbers, fractions, decimals, measurement, proportions, and percent to their career. No prerequisites needed.                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                  | Summer, Fall, Spring |
| Construction/Manufacturing  | 31804305 | Vocational Math B *                   | 1.00 | 31-804-305 VOCATIONAL MATH B ...This course provides the opportunity for the learner to develop the knowledge and skills to apply the concepts of algebra, geometry, and trigonometry to their career.                                                                                                                                                                                                                                                                                                                                                                                                                                        | Completion of: 10804301 Vocational Math A, with a C or better        | Fall, Spring         |
| Construction/Manufacturing  | 10614152 | Prototyping - Introduction to         | 1.00 | 10-614-152 PROTOTYPING-INTRODUCTION TO ...introduction to the prototype & design industry using a variety of shop tools and equipment, machine processes, and fabrication techniques with an emphasis on shop safety, hand skills, accuracy, professionalism, and working within specified tolerances to build three dimensional models.                                                                                                                                                                                                                                                                                                      | N/A                                                                  | Fall                 |
| Construction/Manufacturing  | 10449112 | OSHA 30                               | 1.00 | 10-449-112 OSHA 30 ...addresses OSHA 29CFR1926 rules and is approved by OSHA for construction workers, foremen, job supervisors, and anyone involved in construction trades. Successful participants receive 30-hour card from OSHA.                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                                                                  | Fall, Spring         |
| Construction/Manufacturing  | 10410108 | Building Codes - Carpentry            | 1.00 | 10-410-108 BUILDING CODES - CARPENTRY ...this course will teach the basic requirements for the erection of buildings inhabited by the public for living, work and pleasure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                  | Fall                 |
| Digital Arts                | 10206151 | Audio for Video Production            | 3.00 | 10-206-151 AUDIO FOR VIDEO PRODUCTION ...off-camera audio acquisition and processing for video production. Interior and exterior audio recording concepts and techniques. Audio recording for video equipment including microphones, field recorders and wireless lavalier systems.                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10206100 | Digital Audio                         | 3.00 | 10-206-100 DIGITAL AUDIO ...concept of analog to digital audio conversion; audio production with software including editing, processing, mixing and exporting. Creating radio imaging and advertising; producing various length content for distribution through multiple mediums.                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10206130 | Digital Media Fundamentals            | 2.00 | 10-206-130 DIGITAL MEDIA FUNDAMENTALS ...media examples in audio, video, history of radio/tv broadcasting, concepts of videography, live video streaming, pre-production, scriptwriting and motion graphics.                                                                                                                                                                                                                                                                                                                                                                                                                                  | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10111112 | Graphic Design Fundamentals *         | 3.00 | 10-111-112 GRAPHIC DESIGN FUNDAMENTALS ...explore and discover graphic design careers. Course content covers history of graphic design, concept strategies, presentation and critique processes. Begin applying design principles, design solutions, and design requirements.                                                                                                                                                                                                                                                                                                                                                                 | Corequisite: 10111161 Illustrator Fundamentals                       | Fall, Spring         |
| Digital Arts                | 10111161 | Illustrator Fundamentals              | 3.00 | 10-111-161 ILLUSTRATOR FUNDAMENTALS ...develop basic knowledge and skills using Adobe Illustrator, apply vector graphic strategies into graphic design medias and integration into other software packages. Course content covers creating basic shapes, drawing, transforming elements, working with type, blending, layers and special effects.                                                                                                                                                                                                                                                                                             | N/A                                                                  | Summer, Fall, Spring |
| Digital Arts                | 10203105 | Photography - Business Practices      | 1.00 | 10-203-105 PHOTOGRAPHY-BUSINESS PRACTICES ...learn business practices needed to succeed in the photography industry. Develop contracts, release forms, set a pricing structure, understand copyright, among other entrepreneurial and corporate practices.                                                                                                                                                                                                                                                                                                                                                                                    | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10203104 | Photography - Digital                 | 3.00 | 10-203-104 PHOTOGRAPHY-DIGITAL ...learn basic digital camera operations for capturing still images. Develop skills needed to create a proper exposure in various camera modes in addition to lens selection, lighting basics and creative compositions. Access to an SLR or mirrorless digital camera required.                                                                                                                                                                                                                                                                                                                               | N/A                                                                  | Summer, Fall, Spring |
| Digital Arts                | 10203187 | Photography - Digital Editing *       | 3.00 | 10-203-187 PHOTOGRAPHY-DIGITAL EDITING ...digital editing through advanced tool usage and masking in Adobe Photoshop and Lightroom. Non-destructive editing through RAW and smart objects. Learn color correction, advanced retouching, automation, and develop reusable presets/compositions.                                                                                                                                                                                                                                                                                                                                                | 10111101 Photoshop Fundamentals                                      | Fall, Spring         |
| Digital Arts                | 10203120 | Photography - Landscape and Nature *  | 1.00 | 10-203-120 PHOTOGRAPHY-LANDSCAPE AND NATURE ...photograph landscapes and water, night and low light, flora and fauna, and macro images to showcase natural scenes and textures. Learn equipment needed, safety in the field, and post-production techniques. Access to an SLR or mirrorless digital camera required.                                                                                                                                                                                                                                                                                                                          | 10203104 Photography - Digital                                       | Fall, Spring         |
| Digital Arts                | 10203178 | Photography - Lighting *              | 3.00 | 10-203-178 PHOTOGRAPHY-LIGHTING ...identify and control qualities of light. Setup and photograph multiple light scenarios with speed-lights, strobes, and continuous lights. Work with natural light and light modifiers. Access to an SLR or mirrorless digital camera required.                                                                                                                                                                                                                                                                                                                                                             | 10203104 Photography - Digital                                       | Fall, Spring         |
| Digital Arts                | 10203180 | Photography - Lightroom               | 3.00 | 10-203-180 PHOTOGRAPHY-LIGHTROOM ...organize and manage a library of images by applying metadata and backup solutions. Course content covers functions of Adobe Lightroom. Creatively edit photos using basic retouching, image detailing and color correction in preparation for publishing or print.                                                                                                                                                                                                                                                                                                                                        | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10203126 | Photography - Video Intro             | 1.00 | 10-203-126 PHOTOGRAPHY-VIDEO INTRO ...video basics for photographers. Create video using proper resolution, frame rates and exposure settings. Develop skills in composition, story development, basic video editing, and delivery formats. Access to an SLR or mirrorless digital camera required.                                                                                                                                                                                                                                                                                                                                           | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10111110 | Photoshop Advanced *                  | 3.00 | 10-111-110 PHOTOSHOP ADVANCED ...perform raster Image Editing. Course content covers advanced functions of Adobe Photoshop, advanced editing techniques and short cut keys. Create image effects and composite files using Adobe CC software, and manage project components for complex Photoshop files.                                                                                                                                                                                                                                                                                                                                      | 10111101 Photoshop Fundamentals                                      | Fall, Spring         |
| Digital Arts                | 10111101 | Photoshop Fundamentals                | 3.00 | 10-111-101 PHOTOSHOP FUNDAMENTALS ...Photoshop is the essential tool for digital image manipulation in graphic design, web design, and photography. Students develop technical skills in solving visual design and production problems. Instruction covers Photoshop's vast array of tools, filters, and procedures including workspace basics, image resizing, output preparation, layer management, selection strategies, editing and adjustment basics, composites, filters, and effects. A portfolio of digitally generated and manipulated images is completed to demonstrate course competencies and learning objectives have been met. | N/A                                                                  | Summer, Fall, Spring |
| Digital Arts                | 10206180 | Scriptwriting & Preproduction         | 3.00 | 10-206-180 SCRIPTWRITING & PREPRODUCTION ...research and development of writing for broadcast (traditional and web) and pre-produced media. Script based production planning including budgeting, scheduling, storyboarding and logistics planning. Legal matters including copyright, talent and location releases.                                                                                                                                                                                                                                                                                                                          | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10206154 | Video Production and Editing 1        | 3.00 | 10-206-154 VIDEO PRODUCTION AND EDITING I ...fundamentals of video production and editing including project and media management, organization and workflow. Emphasis on hands-on production and post production experience using current technologies in digital video.                                                                                                                                                                                                                                                                                                                                                                      | N/A                                                                  | Fall, Spring         |
| Digital Arts                | 10206183 | Videography                           | 3.00 | 10-206-183 VIDEOGRAPHY ...technical aspects of capturing motion images including composition, lighting, exposure, filtration, and camera selection. Develop skills in pre-production through post-production of motion photography projects.                                                                                                                                                                                                                                                                                                                                                                                                  | N/A                                                                  | Fall, Spring         |
| Energy                      | 10481114 | Intro to Energy Management            | 3.00 | 10-481-114 INTRO TO ENERGY MANAGEMENT ...introduces the basic concepts of energy, utility systems and utility rate structures; defines the need for energy management as an integral part of society at all levels. The course will present the various opportunities available to energy management students.                                                                                                                                                                                                                                                                                                                                | N/A                                                                  | Fall                 |
| Energy                      | 10480101 | Renewable Energy and Sustainability   | 4.00 | 10-480-101 RENEWABLE ENERGY AND SUSTAINABILITY ...an overview of various renewable energy technologies and sustainable design practices and their current applications. Emphasis will be placed on policies, renewable energy production, green products and jobs.                                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                  | Fall, Spring         |
| Energy                      | 10482126 | Introduction to Solar                 | 4.00 | 10-482-126 INTRODUCTION TO SOLAR ...an overview of the use of sunlight to produce heat and electricity and the practical and economical use of solar power and solar thermal systems. Learn the importance of energy efficiency and the economics of solar hybrid designs.                                                                                                                                                                                                                                                                                                                                                                    | N/A                                                                  | Fall                 |

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|----------------------------|----------|--------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------|
| General Studies            | 10809172 | Intro to Diversity Studies                 | 3.00 | 10-809-172 INTRO TO DIVERSITY STUDIES...basic American values of justice and equality by teaching vocabulary, history of immigration/conquest, transcultural communication, legal liability, multicultural majority/minority relations, ageism, sexism, gender, sexual orientation, the disabled/ADA.                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10809166 | Intro to Ethics: Theory and App            | 3.00 | 10-809-166 INTRO TO ETHICS: THEORY & APP ...basic understanding of theoretical foundations of ethical thought; analyze/compare relevant issues using diverse ethical perspectives; critically evaluate individual, social/professional standards of behavior--applying a systematic decision-making process.                                                                                                                                                                                                                                                                                                                                                                                                                               | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10806112 | Principles of Sustainability               | 3.00 | 10-806-112 PRINCIPLES OF SUSTAINABILITY ...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.                                                                                                                 | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10801136 | English Composition 1                      | 3.00 | 10-801-136 ENGLISH COMPOSITION 1 ...learners develop knowledge/skills in planning, organizing, writing, editing. Students will also analyze audience/purpose, use elements of research, format documents using standard guidelines, and develop critical reading skills.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10801196 | Oral/Interpersonal Communication           | 3.00 | 10-801-196 ORAL/INTERPERSONAL COMMUNICATION ...this course 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.                                                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10809122 | Intro to American Government               | 3.00 | 10-809-122 INTRO TO AMER GOVERNMENT ...introduces American political processes and institutions: focusing on rights/responsibilities of citizens and the process of participatory democracy. Examines separation of powers and checks/balances & the roles of different groups.                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                                                    | Fall, Spring         |
| General Studies            | 10809196 | Intro to Sociology                         | 3.00 | 10-809-196 INTRODUCTION TO SOCIOLOGY ...the nature and variety of groups; inequality, race and ethnicity; family, population, social integration, and change; collective behavior; politics, economics, religion, education, and the effects of technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10809195 | Economics                                  | 3.00 | 10-809-195 ECONOMICS This course is designed to give an overview of how a market-oriented economic system operates, and it surveys the factors which 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.                                                                                                                                                                                                                                           | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10809198 | Intro to Psychology                        | 3.00 | 10-809-198 INTRODUCTION TO PSYCHOLOGY ...survey of theoretical foundations of human behavior such as sensation and perception, motivation, emotions, learning, personality, psychological disorders, therapy, stress, and human diversity in personal, social and vocational settings.                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10809188 | Developmental Psychology                   | 3.00 | 10-809-188 DEVELOPMENTAL PSYCHOLOGY ...defines human development; examines theories; heredity and environmental effects; prenatal development and birth; evaluates biosocial, cognitive psychosocial development through the life span; aging, death, and dying.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10809159 | Abnormal Psychology                        | 3.00 | 10-809-159 ABNORMAL PSYCHOLOGY ...surveys features, causes, assessment and treatment of abnormal behavior through major theoretical perspectives. Introduces the diagnosis system of the DSM-IV, the history, cultural/social differences, current perspectives, diagnosis criteria/treatments.                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10890101 | College 101                                | 1.00 | 10-890-101 COLLEGE 101 ...Students will utilize digital tools and resources to assess, explore, practice, apply, and evaluate both employability and learning skills. By establishing NWTC cultural values as hallmarks of success in academic, career, and personal settings the course encourages reflective, personalized development of a growth mindset and emphasizes the importance of making wise choices. To maximize the return on investment, students should take this course in their first semester as it identifies key expectations (hidden rules) of higher learning and professional employment.                                                                                                                         | N/A                                                                                                    | Summer, Fall, Spring |
| General Studies            | 10806154 | General Physics 1                          | 4.00 | 10-806-154 GENERAL PHYSICS 1 ...applications/theory of basic physics principles: problem-solving, laboratory investigation, and applications including unit conversion and analysis, vectors, translational and rotational kinematics/dynamics, heat/temperature, and harmonic motion and waves.                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                                                    | Fall, Spring         |
| General Studies            | 10804134 | Mathematical Reasoning                     | 3.00 | 10-804-134 MATHEMATICAL REASONING ...All college students, regardless of their college major, need to be able to make reasonable decisions about fiscal, environmental, and health issues that require quantitative reasoning skills. An activity based approach is used to explore numerical relationships, graphs, proportional relationships, algebraic reasoning, and problem solving using linear, exponential and other mathematical models. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. This course may be used as the first of a two part sequence that ends with Quantitative Reasoning as the capstone general education math requirement. | N/A                                                                                                    | Summer, Fall, Spring |
| Health Science             | 30543300 | Nursing Assistant **                       | 3.00 | 30-543-300 NURSING ASSISTANT...basic nursing/personal care skills, principles of communication skills, resident rights and team work with other care givers under the supervision of a licensed nurse. (Pre-requisite: Accepted into the Nursing Assistant program. Call 920-498-5444 or toll free 1-888-385-6982 or go to <a href="http://www.nwtc.edu">http://www.nwtc.edu</a> for directions.)                                                                                                                                                                                                                                                                                                                                          | Acceptance into CNA Program (contact NWTC Career Coach or Dual Credit Specialist for more information) | Summer, Fall, Spring |
| Health Science             | 10501101 | Medical Terminology                        | 3.00 | 10-501-101 MEDICAL TERMINOLOGY ...focuses on the component parts of medical terms: prefixes, suffixes, and root words. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.                                                                                                                                                                                                                                                                                                                                            | N/A                                                                                                    | Summer, Fall, Spring |
| Health Science             | 10501104 | Contemporary Healthcare Practices          | 2.00 | 10-501-104 CONTEMPORARY HEALTHCARE PRACTICES...prepares learners to work in the healthcare environment as part of a healthcare team. Learners will investigate the healthcare community, patient privacy standards, and the professional behavior that is expected in today's medical community. Learner will examine various aspects of verbal and written communication skills, customer service principles, and problem solving techniques necessary to be a vital member of the healthcare workforce.                                                                                                                                                                                                                                  | N/A                                                                                                    | Summer, Fall, Spring |
| Health Science             | 10501107 | Digital Literacy for Healthcare            | 2.00 | 10-501-107 DIGITAL LITERACY FOR HEALTHCARE...the course will explore the use of the electronic health record, the role of social media in health care communication, the uses of wearable technologies that monitor activity and heart rate, the use of data to manage population health and the impact of new developments on the healthcare workforce.                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                                                    | Summer, Fall, Spring |
| Health Science             | 10806189 | Basic Anatomy                              | 3.00 | 10-806-189 BASIC ANATOMY ...examines concepts of anatomy and physiology as they relate to health careers. Learners correlate anatomical and physiological terminology to all body systems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N/A                                                                                                    | Summer, Fall, Spring |
| Health Science             | 10806177 | General Anatomy & Physiology *             | 4.00 | 10-806-177 GENERAL ANATOMY & PHYSIOLOGY ...overview of the human anatomy/physiology using a body-systems approach, emphasizing the interrelationships between form/function at the gross and microscopic levels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C or better in high school Chemistry                                                                   | Summer, Fall, Spring |
| Health Science             | 10806134 | General Chemistry *                        | 4.00 | 10-806-134 GENERAL CHEMISTRY ...covers chemistry fundamentals. Topics: metric system, problem-solving, periodic relationships, chemical reactions, chemical equilibrium, properties of water; acids, bases, and salts; and gas laws.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C or better in high school Algebra 2                                                                   | Summer, Fall, Spring |
| Human Services & Education | 10520103 | Emotional Intelligence                     | 2.00 | 10-520-103 EMOTIONAL INTELLIGENCE ...This course will introduce the student to the importance of emotional intelligence in the human services field. Emotional intelligence works to increase the student's emotional self-awareness, self-regulation, core values internal motivation, increasing empathy, and building skills for interpersonal effectiveness needed to be an effective human service worker. Students will utilize these basic skills in the human service field to adapt and manage their responses to various situations. Apply reflective practitioner techniques.                                                                                                                                                   | N/A                                                                                                    | Fall, Spring         |
| Human Services & Education | 10520104 | Advocacy of Special Populations            | 3.00 | 10-520-104 ADVOCACY OF SPECIAL POPULATIONS ...Examine the concept of advocacy as it relates to the human services field. Identify various populations that students will work with within the human services field. Develop and practice strategies for communication and advocating for people. Explore belief systems, social pressure, moral problems and decision making as it relates to various child and adult populations. Apply reflective practitioner techniques.                                                                                                                                                                                                                                                               | N/A                                                                                                    | Fall, Spring         |
| Human Services & Education | 10522102 | EDU: Techniques in Reading                 | 3.00 | 10-522-102 EDU; TECHNIQUES IN READING ...students learn techniques to support reading development for all learners. Students learn techniques to promote phonological awareness, phonemic awareness, and phonics. Students also learn strategies to promote word analysis, vocabulary, and reading fluency skills.                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                                    | Fall                 |
| Human Services & Education | 10522103 | EDU: Introduction to Educational Practices | 3.00 | 10-522-103 EDU: INTRODUCTION TO EDUCATIONAL PRACTICES ...students analyze preK-12 education in the United States, determine roles and responsibilities of school personnel, and explore current trends and best practices. Students identify how students learn and the foundations of lesson planning. Students analyze Assessment strategies, classroom management, and techniques for supporting learners.                                                                                                                                                                                                                                                                                                                              | N/A                                                                                                    | Summer, Fall, Spring |
| Human Services & Education | 10522105 | EDU: Behavior Management                   | 3.00 | 10-522-105 EDU: BEHAVIOR MANAGEMENT ...students evaluate models of behavior management, analyze social emotional learning, and explain the importance of proactive management techniques. In addition, students evaluate models of behavior management, analyze behavior and analyze the influence of Adverse Childhood Experiences on behavior in order to focus on developing skills to assist in empowering children to take an active role in self-control and classroom management.                                                                                                                                                                                                                                                   | N/A                                                                                                    | Spring               |

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| Human Services & Education                    | 10522106 | EDU: Child & Adolescent Development            | 3.00 | 10-522-106 EDU: CHILD & ADOLESCENT DEVELOPMENT...provides an overview of physical, motor, perceptual, cognitive, social/emotional and growth and development birth through adolescence. Analyzes social, parental, cultural, brain, and economic influences on development.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                                                                                     | Fall                 |
| Human Services & Education                    | 10522114 | EDU: Techniques in Language Arts               | 3.00 | 10-522-114 EDU: TECHNIQUES IN LANGUAGE ARTS ...students explore various genres of children's and young adult literature. Students examine techniques used to support learners in reading and writing and strategies for assessing learners in the process. Students examine techniques to support learners with reading and writing across the curriculum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N/A                                                                                     | Spring               |
| Human Services & Education                    | 10522118 | EDU: Techniques in Math                        | 3.00 | 10-522-118 EDU: TECHNIQUES IN MATH ...students learn key terminology and research-based strategies to support learners in math domains: numbers, base ten operations, algebraic thinking, geometry, and measurement and data. Current practice including manipulatives, problem solving and assessment will be covered within the framework of state and national standards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                     | Spring               |
| Human Services & Education                    | 10522120 | EDU: Techniques in Science                     | 3.00 | 10-522-120 EDU: TECHNIQUES IN SCIENCE ...students are introduced to the content and processes of teaching science. Students explore science processes, strategies, procedures, assessment options and factors affecting science learning. Students study and practice strategies for assisting with group and individual activities in science.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N/A                                                                                     | Spring               |
| Human Services & Education                    | 10307148 | ECE: Foundations of Early Childhood            | 3.00 | 10-307-148 ECE: FOUNDATIONS OF EARLY CHILDHOOD ... This 3-credit course introduces you to the early childhood profession. Course competencies include: explore the concepts of diversity, cultural responsiveness, and anti-bias as it relates to early childhood education, investigate the history of early childhood education, examine regulatory requirements for early childhood education programs in WI, summarize types of early childhood education settings, identify the components of a quality early childhood education program, summarize responsibilities of early childhood education professionals, explore early childhood curriculum models and examine the critical role of play as it relates to developmentally appropriate practice.                                                                                                                    | N/A                                                                                     | Summer, Fall, Spring |
| Human Services & Education                    | 10307151 | ECE: Infant & Toddler Development              | 3.00 | 10-307-151 ECE: INFANT & TODDLER DEVELOPMENT...In this 3-credit course you will study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; analyze development of infants and toddlers (conception to thirty-six months); correlate prenatal and postnatal conditions with development; summarize child development theories; analyze the role of heredity and the environment; examine culturally and developmentally appropriate environments for infants and toddlers, examine the role of brain development in early learning (conception through thirty-six months); examine caregiving routines as curriculum; and examine developmental and environmental assessment strategies for infants and toddlers. | N/A                                                                                     | Summer, Fall, Spring |
| Human Services & Education                    | 10307167 | ECE: Health Safety & Nutrition                 | 3.00 | 10-307-167 ECE: HEALTH SAFETY & NUTRITION...This 3-credit course examines the topics of health, safety, and nutrition within the context of the early childhood educational setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; examine governmental regulations and professional standards as they apply to health, safety, and nutrition; plan a safe early childhood environment; plan a healthy early childhood environment; plan nutritionally sound menus; examine child abuse and neglect issues and mandates; describe Sudden Infant Death Syndrome (SIDS) risk reduction strategies, describe strategies to prevent the occurrence of Shaken Baby Syndrome (SBS); incorporate health, safety, and nutrition concepts into the children's curriculum.                                | N/A                                                                                     | Summer, Fall, Spring |
| Information Technology                        | 10150177 | Window Client Essentials                       | 2.00 | 10-150-177 WINDOW CLIENT ESSENTIALS...this course will provide the learner the opportunity to develop the knowledge, skills, process, and understanding of client OS installation, configuration, administration, including troubleshooting, network connectivity, standard system maintenance procedures, command line introduction, and basic PowerShell scripting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                                     | Summer, Fall, Spring |
| Information Technology                        | 10150200 | Cisco Intro                                    | 3.00 | 10-150-200 CISCO INTRO ...introduces the architectures, models, protocols, and networking elements that connect users, devices, applications and data through the internet and across modern computer networks - including IP addressing and Ethernet fundamentals. By the end of the course, students can build simple local area networks (LANs) that integrate IP addressing schemes, foundational network security, and perform basic configurations for routers and switches.                                                                                                                                                                                                                                                                                                                                                                                               | N/A                                                                                     | Summer, Fall, Spring |
| Information Technology                        | 10152140 | IT: Program: Logic - Intro                     | 1.00 | 10-152-140 IT:PROGRAM:LOGIC-INTRO ...techniques for developing computer programs to solve business problems; includes logic, structure, flowcharting, comparing, looping, variables, arrays, file processing, objects, methods, properties, events, data validation, testing procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                     | Summer, Fall, Spring |
| Information Technology                        | 10152173 | Programming in C# Part 1                       | 3.00 | 10-152-173 PROGRAMMING IN C# PART 1 ...provides a foundation of syntax/semantics of C# .NET programming language to develop Windows-based applications. Covers the architecture of Microsoft's .NET platform where C# is the native language.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                                                                                     | Fall, Spring         |
| Information Technology                        | 10152185 | Website Coding                                 | 3.00 | 10-152-185 WEBSITE CODING ...create code for generating the structure, function, and design of static websites using standards-based HTML5 and CSS3; validate code; test multi-browser and multi-device functionality.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                                     | Summer, Fall, Spring |
| Information Technology                        | 10152125 | Database Design                                | 3.00 | 10-152-125 DATABASE DESIGN ...database uses, database terminology, analyzing information requirements, data models, database design phases, entity relationships, normalization processes, database management systems, database objects, development environments, creating tables, writing queries using SQL, testing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                     | Fall, Spring         |
| Information Technology                        | 10154150 | Hardware 1                                     | 3.00 | 10-154-150 HARDWARE 1...learners will be introduced to installing, troubleshooting, and configuring: computing basics, PC Technician Responsibilities, hardware components, operating systems Basics, storage media, system implementation, and system management tools.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                     | Fall, Spring         |
| Information Technology                        | 10154160 | IT: Support: Software - Intro                  | 3.00 | 10-154-160 IT:SUPPORT:SOFTWARE-INTRO ...an introductory course for the Computer Support Specialist program and covers the fundamental capabilities andfunctions of Windows, Word, Excel, Power Point, and Access.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                     | Summer, Fall, Spring |
| Information Technology                        | 10154190 | Help Desk/User Support                         | 2.00 | 10-154-190 Help Desk/User Sup ...describe the role of the help desk in technology support, use terminology, processes, and tools, and demonstrate the use of business, technical, communication, and self-management skills required for help desk support professionals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N/A                                                                                     | Fall, Spring         |
| Law, Public Safety, Security                  | 10503118 | Health & Wellness for Public Safety            |      | 10-503-118 HEATH & WELLNESS FOR PUBLIC SAFETY ...a guide to a comprehensive occupational safety, health, and wellness program in a fire and emergency response organization.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                     | Spring               |
| Law, Public Safety, Security                  | 10503156 | Strategies, Tactics, and Incident Management   |      | 10-503-156 STRATEGIES, TACTICS, AND INCIDENT MANAGEMENT ...provides an in-depth analysis of the principles of emergency response through utilization of an incident management system. Prepares students to pursue current national ICS training requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                                     | Spring               |
| Law, Public Safety, Security                  | 10503193 | Fire Protection Systems                        |      | 10-503-193 FIRE PROTECTION SYSTEMS ...provides information relating to the features of design and operation of fire detection and suppression systems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                                     | Spring               |
| Law, Public Safety, Security                  | 10504162 | Fundamentals of Emergency Dispatch             |      | 10-504-162 FUNDAMENTALS OF EMERGENCY DISPATCH ...This course provides the opportunity for the learner to develop the knowledge skills process and understanding every successful public safety telecommunicator needs to meet the demands of this critical profession.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                                     | Summer, Fall, Spring |
| Law, Public Safety, Security                  | 10504168 | Criminal Justice - Professional Communications |      | 10-504-168 CRIMINAL JUSTICE-PROFESSIONAL COMMUNICATIONS...Learners will internalize and apply the foundations of human interaction including universal truths; development of voluntary compliance, cooperation, and collaboration; owning their own weaknesses; and, knowing when to act. Students will apply professional communication skills, including arbitration, mediation, and ethical intervention in a simulated criminal justice setting.                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                                     | Fall, Spring         |
| Law, Public Safety, Security                  | 10504193 | Private Investigation Tactics                  |      | 10-504-192 PRIVATE INVESTIGATION TACTICS ...private investigators are used by law firms, corporations, insurance companies and other public and private entities. This course covers the basics of locating individuals using open sources of information, ethical considerations for investigators, constitutional law application and current investigative practices as preparation for success as a private investigator, corporate and private security or insurance claim investigator. Includes lessons on developing a business and marketing plan and preparing for the Wisconsin Private Detective license exam.                                                                                                                                                                                                                                                       | N/A                                                                                     | Fall                 |
| Law, Public Safety, Security                  | 10506152 | Industrial Safety & Emergency Response         |      | 10-506-152 INDUSTRIAL SAFETY & EMERGENCY RESPONSE ...state and federal regulations related to worker safety, industrial hygiene, and response to emergency situations. Emphasis is placed on response to releases of hazardous materials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N/A                                                                                     | Spring               |
| Law, Public Safety, Security                  | 10531102 | Emergency Medical Technician **                | 5.00 | 10-531-102 EMERGENCY MEDICAL TECHNICIAN ...preparatory aspects, airway management, patient assessment, medical/behavioral cases, trauma care, pediatric and field operations in basic life-support emergency medical care.(Prerequisite: Accepted into EMT program or Fire Protection Technician program)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Acceptance into EMT Program (contact NWTCT Dual Credit Specialist for more information) | Summer, Fall, Spring |
| Science, Technology, Engineering, Mathematics | 10804113 | College Technical Math 1A                      | 3.00 | 10-804-113 COLLEGE TECHNICAL MATH 1A ...topics include solving linear equations; graphing; percent; proportions; measurement systems; computational geometry; and right triangle trigonometry. Emphasis will be on the application of skills to technical problems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A                                                                                     | Summer, Fall, Spring |
| Science, Technology, Engineering, Mathematics | 10804114 | College Technical Math 1B *                    | 2.00 | 10-804-114 COLLEGE TECHNICAL MATH 1B ...topics include: performing operations on polynomials; solving quadratic and rational equations; formula rearrangement; solving systems of equations; and oblique triangle trigonometry. Emphasis will be on the application of skills to technical problems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Completion of: 10804113 College Tech Math 1A, with a C or better                        | Fall, Spring         |
| Science, Technology, Engineering, Mathematics | 10620100 | Fluids 1: Basic Pneumatics                     | 1.00 | 10-620-100 FLUIDS 1: BASIC PNEUMATICS ...what fluid power is, differentiate between hydraulics and pneumatics, implement basic pneumatic circuits, utilize schematics, apply Pascal's Law, define properties of fluids, implement airflow control and hydraulics cylinder circuits.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A                                                                                     | Fall, Spring         |
| Science, Technology, Engineering, Mathematics | 10664100 | Automation 1: Control Logic                    | 1.00 | 10-664-100 AUTOMATION 1: CONTROL LOGIC ...electric motor control components such as switches, relays, starters, transformers; and safely mount and install motor and motor control components and perform related wiring and troubleshooting of motor control circuits.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                                                                                     | Summer, Fall, Spring |
| Science, Technology, Engineering, Mathematics | 10664101 | Automation 2: Motor Control *                  | 1.00 | 10-664-101 AUTOMATION 2: MOTOR CONTROL ...electric motor control components such as sensors, timers and counters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10664100 Automation 1: Control Logic                                                    | Summer, Fall, Spring |
| Science, Technology, Engineering, Mathematics | 10620144 | Basic Mechanics                                | 1.00 | 10-620-144 BASIC MECHANICS ...Introduction to basic mechanical devices and tools used for assembly, disassembly and adjustment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N/A                                                                                     | Fall, Spring         |
| Science, Technology, Engineering, Mathematics | 10660116 | Introduction to AC/DC                          | 2.00 | 10-660-116 INTRODUCTION TO AC/DC ...introduces the concepts of AC and DC power and basic circuits. Using a multimeter, students learn about voltage, current, and resistance in both AC and DC circuits.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                     | Summer, Fall, Spring |