

# **NEW DRAFT 2017-18 NWECS**

## Higher Education Offerings

Updated 3/16/17

Update #: 06

**Note:** Please scroll to pages 12-19 for NTC Wausau's full listing of courses.

### 1<sup>st</sup> Hour 8:20 – 9:06

#### **Criminal Justice Introduction 8:20 – 9:06 a.m.**

Sites Signed Up/Enrollment #s: [Goodman \(1\)](#)

Total Enrollment:

*Originates from WITC (fall/ Tues-Thurs, 3 Credits).* **Description:** Students will explore the evolution of criminal justice systems, including courts, corrections, and law enforcement. Understand career pathways within the criminal justice system, including roles, functions, and professionalism. Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org)  
Instructor: Sheryl Gehrman, [Sheryl.Gehrman@mywitc.onmicrosoft.com](mailto:Sheryl.Gehrman@mywitc.onmicrosoft.com) and Crystal Zacharias, [zachariasca@my.witc.edu](mailto:zachariasca@my.witc.edu)

#### **Policing Strategies 8:20 – 9:06 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from WITC (spring/ Tues-Thurs, 3 Credits).* **Description:** Students will learn various policing strategies. Emphasis will be placed on community policing philosophies and problem solving using community resources. Understand how to identify and develop partnerships in the community to promote positive community relationships. Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org) Instructor: Crystal Zacharias, [zachariasca@my.witc.edu](mailto:zachariasca@my.witc.edu)

#### **History of American People from 1877, 8:00 – 9:25 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NATC (MW, spring, 3 Credits).* **Description:** Surveys U.S. political, social, and economic development from the post-Civil War era to the present. Emphasizes reading, writing, and discussion. Instructor: James Honig, runs 1/22 – 5/16/18 **NOTE:** *If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.*

**PSYC 101 Introduction to Psychology 8:00 – 8:53 a.m.** (in conjunction with NLN)

Sites Signed Up/Enrollment #s: Gilman (7), Goodman (1)      Total Enrollment:

*Originates from UW Superior (MWF, fall) (3 Credits).* **Description:** Introduction to the scientific study of psychology covering major areas of study within the discipline, including biological bases of behavior, learning and conditioning, memory and cognition, motivation and emotion, social and cultural influences on behavior and attitudes, personality, health psychology, and mental illness. Meets UW-Superior Social Science General Education requirement. \$200/credit, Text book rental fee \$30. Instructor: TBD.

**EGR 105 Engineering Fundamentals 8:00 – 8:50 a.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:      Total Enrollment:

*Originates from UW Barron County (fall/ MWF, 3 credits).* **Description:** This course is designed to equip engineering students with the necessary tools and background information to prepare them to be successful engineering students as well as a successful practicing engineer. Topics covered in this course include project management, team work, technical writing, working with data and using spreadsheets, creating presentations, engineering design, and a thorough understanding of the engineering profession. A student may not receive credit for EGR 100 or EGR 102 or EGR 103 and EGR 105. **Prereq:** MAT 105 or concurrent enrollment. AP/IS

**Business Principles 8:00 – 8:50 a.m.**

Sites Signed Up/Enrollment #s:      Total Enrollment:

*Originates from NWTC (fall/ MTR, 3 Credits).* **Description:** Economics and business; global business; ethics and social responsibility; business ownership; entrepreneurship; business management; marketing; managing financial resources; legal issues impacting business; using technology to manage information. Runs 9/5 – 12/18/17.

**Oral Interpersonal Communication 8:00 – 8:50 a.m.**

Sites Signed Up/Enrollment #s:      Total Enrollment:

*Originates from NWTC (spring/ WRF, 3 Credit).* **Description:** The communication process, perception and self-concept, language, listening, nonverbal communication, interpersonal relationships, communication in groups and public communication; prepare and deliver an oral presentation. Runs 1/31 – 5/1818.

**2nd Hour 9:09-9:55 a.m.**

**SIGN LANGUAGE: INTRODUCTION 9:08 – 9:52 a.m.**

Sites Signed Up/Enrollment #s:      Total Enrollment:

*Originates from NTC Wausau (4 days M-Th, fall).* (2 credits). **Description:** Focuses on student development of conversational American Sign Language (ASL). Develop an awareness of sign vocabulary, being able to recognize and produce ASL with appropriate non-manual behaviors and grammatical features. Issues related to Deaf culture will also be discussed. Some signing skills recommended. Instructor: TBD

**Criminal Justice Introduction 9:05 – 9:55 a.m.** (shared with NLN)



Accredited by the Higher Learning Commission, Member of the North Central Association.  
[www.ncahlc.org](http://www.ncahlc.org). Instructor: Todd Hoff, [Todd.Hoff@witc.edu](mailto:Todd.Hoff@witc.edu)

**Personal Finance 10 a.m. – 11:20 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from WITC Rice Lake (MW, fall).* (3 credits) **Description:** Personal Finance introduces students to money management, taxes, financial services, credit, real estate, insurance, stocks, bonds, mutual funds, retirement planning, and estate planning. **NOTE: 1 site, 5 students maximum.** Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org)  
**Instructor:** Hugh Harris, [Hugh.Harris@witc.edu](mailto:Hugh.Harris@witc.edu)

**Introduction to Psychology 9:40 a.m. – 12:30 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NATC (W, fall, 3 Credits).* **Description:** This course surveys the methods, principles, and theories of psychology as they are applied to understanding, predicting, and modifying human behavior. Essential theoretical perspectives, including cognitive, humanistic, socio-cultural, psychodynamic, learning, and biological/evolutionary inform an understanding of key topics in psychology, among which may include the brain and behavior, development, emotion, memory, motivation, personality, psychological disorders, sensation and perception, and thinking and intelligence. At the successful completion of the course, students will be well prepared for more advanced study in the field of contemporary psychology. **Instructor:** Kristi Thoreson, runs 8/30 – 12/20/17 **NOTE:** *If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.*

**Introduction to Psychology 9:40 – 11:05 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NATC (MW, spring, 3 Credits).* **Description:** This course surveys the methods, principles, and theories of psychology as they are applied to understanding, predicting, and modifying human behavior. Essential theoretical perspectives, including cognitive, humanistic, socio-cultural, psychodynamic, learning, and biological/evolutionary inform an understanding of key topics in psychology, among which may include the brain and behavior, development, emotion, memory, motivation, personality, psychological disorders, sensation and perception, and thinking and intelligence. At the successful completion of the course, students will be well prepared for more advanced study in the field of contemporary psychology. **Instructor:** Kristi Thoreson, runs 1/22 – 5/16/18. **NOTE:** *If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.*

**ECE: Foundations of Early Childhood Education 9:50 – 10:37 a.m.** (In conjunction with CESA 10)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from CVTC (M,T,Th /year – 3 trimesters, 3 credits).* **Prerequisite:** Program student.  
**Description:** This course introduces you to the early childhood profession. Course competencies include:



contrast present and potential ethnic, social, political, and environmental problems across select regions of the world, and explore basic solutions. SS

**ANT 100 Introduction to Anthropology 10:00 – 10:50 a.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from *UW Barron County* (spring/ MWF, 3 credits). **Description:** A survey of the subfields of anthropology, especially archaeology and physical and cultural anthropology. The course explores human biological evolution and variation, cultural evolution, language, and culture change. SS

**ENG 203 Creative Writing I 10:35 – 11:50 a.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from *UW Barron County* (spring/ TR, 3 credits). **Description:** Chiefly devoted to writing and studying one or more of the following: fiction, poetry and drama. **Prereq:** Exemption from ENG 101 through a sufficiently high placement assessment, or completion of ENG 101, or cons. instr. FA

**SIGN LANGUAGE: INTRODUCTION 9:55 – 10:40 a.m.** (with CESA 10 schools)

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from *NTC Wausau* (4 days M-Th, fall). (2 credits). **Description:** Focuses on student development of conversational American Sign Language (ASL). Develop an awareness of sign vocabulary, being able to recognize and produce ASL with appropriate non-manual behaviors and grammatical features. Issues related to Deaf culture will also be discussed. Some signing skills recommended. Instructor: TBD

**Intro to Diversity Studies 9:53 – 10:38 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from *NWTC* (fall/ MWF, 3 Credits). **Description:** 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. Runs 9/7 – 12/18/17.

**4<sup>th</sup> Hour 10:47 – 11:33**

**Principles of Sustainability – Hybrid Course 10:47 – 11:33 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from *WITC Ashland* (T,R spring). (3 credits). **Description:** (10-806-112) (3 credits) – Blended course: 2 days ITV; 2 days online – for *on-line written assignments, a discussion board and a group project*. 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. [Accredited by the Higher Learning Commission, Member of the North Central Association. www.ncahlc.org.](#) Instructor: Steve Sandstrom, [Steve.Sandstrom@witc.edu](mailto:Steve.Sandstrom@witc.edu)

### **Intro to Psychology 10:47 – 11:33 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from WITC Rice Lake (fall or spring, 4 days M-Th, 3 Credits).* **Prerequisite:** 11-12 Grade with a B average or better and will require access to Blackboard (course management system), which is asynchronous. **Description:** This introductory course in psychology is a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. The course directs students to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. Instructional delivery method is hybrid ITV and online. Book information is below. Instructor: Katrice Shuler, [Katrice.Shuler@witc.edu](mailto:Katrice.Shuler@witc.edu) Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org)

### **US History 101, 10:45 - 11:35 a.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment

*Originates from UW-Barron County (MWF, fall).* **Description:** From the Era of the Columbian Exchange to the Era of the Civil War. A survey of American political, economic, social, and intellectual history from the Age of European Exploration and the period of colonization to the era of the Civil War. Special attention will be given to issues of cultural diversity and the historical problems faced by racial, ethnic, and religious minorities. Students will need access to internet, email and the University's course management system, D2L.

### **ENG 250 Introduction to Lit Studies 10:35 – 11:50 a.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from UW Barron County (fall/ TR, 3 credits).* An introduction to the discipline of literary studies through its fundamental approaches to reading, interpreting, and writing about a variety of texts, ranging from the classic to the contemporary with the goal of understanding, appreciating, and enjoying literature. **Prereq:** Exemption from ENG 098 based on placement test score or completion of ENG 098 or cons. instr. HU

### **MAT 221 Calculus and Analytical Geometry 1 11:00 – 11:50 a.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from UW Barron County (spring/ M-F, 4-5 credits).* **Description:** Primarily for students in business, the social sciences, and biological sciences who wish to acquire some knowledge of the techniques and applications of calculus. Topics include concepts, techniques, and applications of differential and integral calculus including multivariate calculus. Students who are preparing to major in mathematics, engineering, or physical sciences should enroll in the MAT 221-MAT 222 sequence. **Prereq:** A grade of C or better in MAT 110 or MAT 124 or equivalent, or placement based on placement test score. Students may not earn more than six credits by taking both MAT 211 and MAT 221. MS

### **Introduction to Sociology 10:42 – 11:27 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC (fall/ MWF, 3 Credits).* **Description:** 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. Runs 9/7 – 12/18/17.

### **Business Principles 10:35 – 11:20 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC (spring/ MTR, 3 Credits). **Description:** Economics and business; global business; ethics and social responsibility; business ownership; entrepreneurship; business management; marketing; managing financial resources; legal issues impacting business; using technology to manage information. Runs 1/29 – 5/17/18.*

### **COLLEGE 101 10:42 – 11:27 a.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC (spring/ WF, 1 Credit). **Description:** develops tools and strategies that support success in college. Focuses on study skills, college resources, goal setting, time management, and learning styles. Introduces concepts for self-assessing learning and completing an Exit Assessment that provides evidence that learning took place. Students should take this course prior to or during the first semester of their programs. Note: 9 week class.*

## **5<sup>th</sup> Hour 11:36 – 12:22**

### **Medical Terminology 11:36 a.m. – 12:22 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from WITC New Richmond (MTWF, fall). (3 credits) **Description:** Focuses on the component parts of medical terms: prefixes, suffixes and word roots. 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. Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org) Instructor: Mary Goldsmith, [Mary.Goldsmith@witc.edu](mailto:Mary.Goldsmith@witc.edu)*

### **Calculus and Analytic Geometry I 11:20 a.m. – 12:55 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NATC (MWF, fall, 5 Credits). **Description:** Covers limits and continuity of functions, the derivative, and its applications. **Prerequisites:** 20-804-224 and 20-804-228 with a grade of "C" or better, two years of high school algebra with a grade of "C" or better and one year of trigonometry with a grade of "C" or better, or suitable score on the UW Math Placement Test. 5 **Instructor:** Grzegorz Kosciuk, runs 8/28 – 12/22/17 **NOTE:** If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.*

### **Technical Reporting – Hybrid – 11:20 a.m. – 12:45 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NATC (W, fall, 3 Credits). **Description:** Teaches preparation and presentation of written, oral, and multi-media technical reports. Prerequisites: 10-801-195 or 20-801-219. **Instructor:** Edward O'Casey, runs 8/30 – 12/20/17 **NOTE:** If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to*

include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.

**Ethics 11:20 – 12:45 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NATC (TR, fall, 3 Credits).* **Description:** Explores contemporary moral problems including animal rights; capital punishment; environmental ethics; euthanasia; job discrimination, sexual harassment and affirmative action; reproductive choices; race and ethnicity; world hunger, and poverty.

**Instructor:** Shane Teter, runs 8/29 – 12/21/17 **NOTE:** *If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.*

**Introduction to Sociology 11:20 – 12:45 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NATC (TR, fall, 3 Credits).* **Description:** Studies of human society, including the individual, culture, society, social inequality, social institutions, and social change in the modern world.

**Instructor:** David Holt, runs 8/29 – 12/21/17 **NOTE:** *If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.*

**MAT 124 Pre-Calculus Mathematics 11:00 – 11:50 a.m.** *(In conjunction with NLN)*

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from UW Barron County (fall/ M-F, 5 credits).* **Description:** Functions and graphs, including linear, polynomial, logarithmic and exponential functions; complex numbers and theory of equations; binomial theorem; mathematical induction; trigonometric functions, their basic properties and graphs; identities; inverse trigonometric functions; solving trigonometric equations; de Moivre's theorem. **Prereq:** A grade of C or better in MAT 103B or MAT 105 or placement based on placement test score. Students may not earn more than five credits of any combination of MAT 110, MAT 113 and MAT 124. MS

**SIGN LANGUAGE: INTRODUCTION 11:36 – 12:22 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NTC Wausau (TWR, spring).* (2 credits). **Description:** Focuses on student development of conversational American Sign Language (ASL). Develop an awareness of sign vocabulary, being able to recognize and produce ASL with appropriate non-manual behaviors and grammatical features. Issues related to Deaf culture will also be discussed. Some signing skills recommended. Instructor: Vicki Shapiro.

**Math for Health Professionals 11:36 – 12:22 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from WITC (MWF, spring).* (2 credits) **Description:** Following an arithmetic review, this course emphasizes those mathematical skills necessary for success in the nursing field and related health

occupations. Emphasis will be placed on computational skills and applications of rational numbers; problem solving skills with ratios, proportions, and percents; basic principles and application of algebra, graphing, and statistics; measurement skills in U.S. Customary and Metric systems as well as apothecary and household systems; and the use of calculators as a tool (2 credits). (Prerequisite: B or better in full-year High School Algebra II or Pre-calculus course within the past two years.) Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org). Instructor: Todd Hoff, [Todd.Hoff@witc.edu](mailto:Todd.Hoff@witc.edu)

**Alternative Energy Overview– Hybrid Course 11:36 – 12:22 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from WITC Ashland (T,R spring).* (3 credits). **Description:** (10-480-105) (3 credits) – Blended course: 2 days ITV; 2 days online. In this course, students will investigate the need for renewable energy systems and emerging careers in renewable energy. Students will examine the basic design, cost, and other considerations associated with photovoltaic, wind, hydro and biogas electrical generation systems. In addition, students will evaluate the basic design, costs, truths and myths associated with solar thermal, geothermal, and biomass heating and cooling systems and explore the production and use of alternative transportation fuels. Student will also perform a site assessment for the installation of a renewable energy system. Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org). Instructor: Steve Sandstrom, [Steve.Sandstrom@witc.edu](mailto:Steve.Sandstrom@witc.edu)

**Medical Terminology 11:36 a.m. – 12:22 p.m. (3cr.) 10501101 Blended course: 2-day face-to-face (Tuesdays & Thursdays 3 days online; OR Fully Online. Begins 9/8/16.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NTC Wausau (fall).* Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms with an emphasis on spelling, definition, and pronunciation. Introduces operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. This course involves learning a new language and is relevant for any student interested in medicine or a medical profession.

**CPS 110 Introduction to Computer Science 12:00 – 12:50 p.m. (In conjunction with NLN)**

Sites Signed Up/Enrollment #s:

Total Enrollment

*Originates from UW-Barron County (MWF, fall, 3 credits).* **Description:** How computers work, communicating with computers, areas of application and significance, simple Algebraic Language programming, elementary data processing and problem solving. Instruction and significant experience in BASIC. Students may not receive credit for both CPS 110 and either of CPS 103 or CPS 130. **Prerequisite:** MAT 105 or cons. Instr. EL \*\*Note: Whichever computer class has the most enrollments will run (between this class and the following Web Page Development class).

**CPS 139 Web Page Development 12:00 – 12:50 p.m. (In conjunction with NLN)**

Sites Signed Up/Enrollment #s:

Total Enrollment

*Originates from UW-Barron County (MWF, fall, 2 credits).* **Description:** How computers work, communicating with computers, areas of application and significance, simple Algebraic Language programming, elementary data processing and problem solving. Instruction and significant experience in BASIC. Students may not receive credit for both CPS 110 and either of CPS 103 or CPS 130. **Prerequisite:** MAT 105 or cons. Instr. EL \*\*Note: Whichever computer class has the most enrollments will run (between this class and the class above, Introduction to Computer Science).

**Introduction to Human Services 11:55 a.m. – 12:40 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC (fall/ WRF, 3 Credits).* **Description:** Examine the evolution of the human services field. Distinguish the various types of human service agencies and occupations available in the field. Demonstrate the qualities of the field professionals. Complete 10 hours of community service at an agency of learner's choice outside of class time. Assess boundaries and ethical issues commonly found in the human services professions. Apply reflective practitioner methods. Runs 9/6 – 12/17/17.

**Speech Noon – 12:50 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC (fall/ MTW, 3 Credits).* **Description:** Fundamentals of effective oral presentation to small and large groups: topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and the listening process. Runs 9/5 – 12/18/17.

**Introduction to Diversity Studies Noon – 12:50 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC (spring/ MWF, 3 Credit).* **Description:** 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. Runs 1/29 – 5/18/18.

**6<sup>th</sup> Hour 12:55 – 1:41 p.m.**

**ENG 101 College Writing & Critical Reading 1:00 – 2:15 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from UW Barron County (fall/ TR, 3 credits).* **Description:** A composition course focusing on academic writing, the writing process, and critical reading. Emphasis will be on essays that incorporate readings. **Prereq:** A grade of C or better in a basic writing course (ENG 097, ENG 098, or LEA 106 when taken as a three-credit course) or exemption through a sufficiently high placement assessment.

**ENG 102 College Writing & Critical Reading 1:00 – 2:15 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from UW Barron County (spring/ TR, 3 credits).* **Description:** A composition course focusing on researched academic writing that presents information, ideas, and arguments. Emphasis will be on the writing process, critical thinking, and critical reading. **Prereq:** A grade of C or better in ENG 101 Composition I or exemption through a sufficiently high placement assessment.

**Medical Terminology 12:55 – 1:45 p.m.** (shared with NLN)

Section 1 (Mary) Sites Signed Up/Enrollment #s: [Clear Lake](#), [Granstburg](#)

Total Enrollment:

*Originates from WITC New Richmond (MTWR, spring).* (3 credits) **Description:** Focuses on the component parts of medical terms: prefixes, suffixes and word roots. 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. Accredited by the Higher Learning Commission, Member of the North Central Association. [www.ncahlc.org](http://www.ncahlc.org) Instructor: Mary Goldsmith, [Mary.Goldsmith@witc.edu](mailto:Mary.Goldsmith@witc.edu) for one section and Anne Gonske, [Anne.Gonske@witc.edu](mailto:Anne.Gonske@witc.edu) for the second section.

**PSY 202 Introduction to Psychology 1:00 – 1:50 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from UW Barron County* (fall/ MWF, 3 credits). **Description:** Survey of major content areas in Psychology. Topics include research methodology, learning, memory, cognition, biological psychology, sensation, perception, motivation, emotion, development, personality, psychopathology, and social psychology. Students may not receive credit for both PSY 201 and PSY 202. SS

**PSY 250 Life Span Developmental Psychology 1:00 – 1:50 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from UW Barron County* (spring/ MWF, 3 credits). **Description:** A survey of human development theories and research. Topics include the biological, cognitive, emotional, and social development of the individual from the prenatal period through old age and the process of death and dying. Students taking PSY 250 may not also receive credit for PSY 360 or PSY 362. **Prereq:** PSY 201/PSY 202 (grade of C- or better) or cons. instr. SS

**Marketing Principles 1:00 – 1:50 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC* (spring/ MWF, 3 Credits). **Description:** Marketing management, market segmentation, market research, consumer behavior, product decisions and management of distribution, pricing, promotional decisions for strategy planning. Runs 1/29 – 5/18/18.

**Introduction to Sociology 1:00 – 1:50 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NWTC* (spring/ MWF, 3 Credit). **Description:** 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. Runs 1/29 – 5/18/18.

**7<sup>th</sup> Hour 1:44 – 2:30**

**SIGN LANGUAGE: INTRODUCTION 1:55 – 2:40 p.m.** (with CESA 10 schools)

Sites Signed Up/Enrollment #s:

Total Enrollment:

*Originates from NTC Wausau* (4 days M-Th, fall). (2 credits). **Description:** Focuses on student development of conversational American Sign Language (ASL). Develop an awareness of sign vocabulary, being able to recognize and produce ASL with appropriate non-manual behaviors and grammatical features. Issues related to Deaf culture will also be discussed. Some signing skills recommended. Instructor: TBD

**English Composition I, 1:40 – 3:05 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **NATC** (TR, fall, 3 Credits). **Description:** Develops expository writing and critical thinking skills, including clarity, concision, concreteness, and completeness of expression, supported by reasoning, organization, and language conventions. Instructor: Eliabeth Devore, runs 8/29 – 12/21/17  
**NOTE:** If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.

**Psychology of Human Relation 1:40 – 3:05 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **NATC** (MW, spring, 3 Credits). **Description:** Focuses on improving personal and job-related relationships through understanding and applying sound psychological principles. Topics include self-concept, motivation, emotions, stress management, conflict resolution, and human relation processes. Instructor: TBD, runs 1/22 – 5/16/18 **NOTE:** If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.

**Anatomy Structure Function 1:38 – 2:24 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **NWTC** (fall/ MTRF, 2 Credits). **Description:** human body systems, structural formation. Runs 9/5 – 12/18/17. Instructor: TBD.

**Introduction to Psychology 1:39 – 2:24 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **NWTC** (fall/ MTR, 3 Credits). **Description:** 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. Runs 9/5 – 12/18/17.

**8<sup>th</sup> Hour 2:33 – 3:20**

**JAPA 101 Beginning Japanese 2:07 – 3:00 p.m.** (in conjunction with NLN, need 12)

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **UW Superior** (M-F, fall) (3 Credits). **Description:** Study of language fundamentals with emphasis on development of listening and speaking skills. Practice with reading and writing. Japanese script (hiragana, katakana and kanji) is taught from the beginning of the course. Presumes no previous language study. General Education Attributes: **HHE** World Lang, Culture, Philos JAPA 102 Beginning Japanese II. Instructor: Yoshiko Shakal, \$200/credit, Book Rental Fee \$30.

**JAPA 102 Beginning Japanese 2:07 – 3:00 p.m.** (in conjunction with NLN, need 12)

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from *UW Superior* (M-F, *spring*) (3 Credits). Prerequisite: Two years of high school Japanese or JAPA 101. **Description:** Continuation of Japanese 101. Study of language fundamentals with emphasis on development of listening and speaking skills. Practice with reading and writing. Japanese script (hiragana, katakana and kanji) is taught from the beginning of the course. Presumes no previous language study. General Education Attributes: **HHE** World Lang, Culture, Philos JAPA 102 Beginning Japanese II. Instructor: Yoshiko Shakal, \$200/credit, Book Rental Fee \$30.

**ECO 101 Introduction to Economics 2:30 – 3:45 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s: Total Enrollment:

Originates from *UW Barron County* (fall/ MW, 3 credits). **Description:** A study of economic systems and their interdependence in the global economy, with emphasis on problems and policies. Among the subjects included are competitive and non-competitive markets, gross domestic product determination and policy, the U.S. financial system, and global trade. SS

**GEO 130 Human Impact on the Environment 2:30 – 3:45 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s: Total Enrollment:

Originates from *UW Barron County* (fall/ MW, 3 credits). **Description:** A natural science course describing the alteration of the physical environment with the resulting effects on air, water, soils, vegetation, animal life and humans. **Field trip(s) may be required.** Geo 130 meets DPI requirements for environmental education at some UW baccalaureate institutions. NS; if 4 cr, also LS with lab work.

**SOC 101 Introduction to Sociology 2:30 – 3:45 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s: Total Enrollment:

Originates from *UW Barron County* (fall/ MWF, 3 credits). **Description:** Introduction to the basic concepts, theories and methods of Sociology, emphasizing the significance of the self and culture, social process and organization, and forces of social stability and change. SS

**PSY 202 Introduction to Psychology 2:30 – 3:45 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s: Total Enrollment:

Originates from *UW Barron County* (fall/ TR, 3 credits). **Description:** Survey of major content areas in Psychology. Topics include research methodology, learning, memory, cognition, biological psychology, sensation, perception, motivation, emotion, development, personality, psychopathology, and social psychology. Students may not receive credit for both PSY 201 and PSY 202. SS

**ECO 203 Economics – Macro 2:30 – 3:45 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s: Total Enrollment:

Originates from *UW Barron County* (*spring*/ MW, 3 credits). **Description:** The emphasis of the course is on macro analysis and covers areas such as national income, commercial banking, business fluctuations, monetary and fiscal policies, and economic growth. Designed for students who desire a basic one-year course (with ECO 204) in economics. **Prereq:** MAT 105 and ENG 101 or cons. instr. recommended. SS

**MLG 100 Introduction to Meteorology 2:30 – 3:45 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s: Total Enrollment:

Originates from **UW Barron County** (spring/ MW, 3-4 credits). **Description:** The study of the conditions and the processes of the atmosphere that constitute weather. This includes both description and explanation of various atmospheric processes. Topics include: solar energy budget, heating of the atmosphere, temperature, air pressure, winds, atmospheric moisture, precipitation, air masses, fronts, mid-latitude cyclones, thunderstorms, tornadoes, hurricanes, analysis of weather maps and forecasting. NS (if 4 cr. also LS)

**PSY 250 Life Span Developmental Psychology 2:30 – 3:45 p.m.** (In conjunction with NLN)

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **UW Barron County** (spring/ TR, 3 credits). **Description:** A survey of human development theories and research. Topics include the biological, cognitive, emotional, and social development of the individual from the prenatal period through old age and the process of death and dying. Students taking PSY 250 may not also receive credit for PSY 360 or PSY 362. **Prereq:** PSY 201/PSY 202 (grade of C- or better) or cons. instr. SS

**Valuing Diversity 3:20 – 4:45 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **NATC** (MW, spring, 3 Credits). **Description:** Examines the sociology of minorities, race, social class, age, gender, and sexual orientation, with emphasis on common elements among individuals and groups of people. Instructor: David Holt, runs 1/22 – 5/16/18. **NOTE:** If you are interested in offering courses to your students via ITV, please submit a request to Sarah Gruber at [sgruber@nicoletcollege.edu](mailto:sgruber@nicoletcollege.edu) by the appropriate deadline. Requests for fall courses are due March 1 and Spring courses are due October 1. A request will need to include: Section Number, Course Title, Approximate Commitment of Students, School Location, School Contact & Connection Information.

**Intro to Paralegal /Legal Ethics 2:28 – 3:13 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **NWTC** (spring/ TWR, 3 Credits). **Description:** Introduction to the legal profession: ethics, court system, legal research, and roles of the paralegal. Runs 1/29 – 5/18/18.

**Introduction to Psychology 2:28 – 3:13 p.m.**

Sites Signed Up/Enrollment #s:

Total Enrollment:

Originates from **NWTC** (spring/ MWF, 3 Credit). **Description:** 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. Runs 1/29 – 5/18/18.

**Northcentral Technical College Course Menu & Descriptions:**

**\*Note:** If there is a class of interest, Holly will work with NTC to find a time that works with the schools in need.

**SCHOOL OF AGRICULTURAL SCIENCES**

### INTRO TO ANIMAL SCIENCE (3cr.) 10091104 Online

Introduces the basics of livestock management. Examines management of the dairy herd with concentration on nutrition, feedstuff's classification, reproduction, genetics, animal behavior, animal health and sustainable agriculture practices. Learners will explore basic husbandry and care procedures for animals. This is offered in an online format.

## SCHOOL OF BUSINESS & COMMUNITY SERVICES

### **BUSINESS:**

#### **ACCOUNTING 1 (4cr.) 1010111 Blended course: 2-days face-to-face, 2-days online – AFTER 10:30 am, or available fully online**

Introduction for those with no background and a refresher for those with limited background in accounting fundamentals. Analyze and record routine transactions. Complete year-end adjustments and financial statements for a single-owner service-oriented business. Study of the accounting cycle to include those special transactions, calculations, and variations of financial statements appropriate for a single-owner retail firm. Students in this course will study accounting, concentrating on the efficient management, recording, and adjusting of current assets.

#### **CUSTOMER SERVICE (2cr.) 10104103 Blended course: 2-days face-to-face, 2-days online**

Customer service is much more than answering questions and handling complaints. Research has shown that most often customers choose to spend their money where they get the best service. In this course, we will explore the importance of customer service, understanding and satisfying the customer's needs, and ways to interact with the customer.

#### **INTRODUCTION TO BUSINESS (3cr.) 10104100 Blended course: 2-days face-to-face, 2-days online, also available fully online**

Business is a part of everyone's daily life--as employees, consumers and owners. In this course, you will explore the environment, human side and functional approach to business.

#### **INTRODUCTION TO COMPUTER SUPPORT (3cr.) 10154104 M/W/F via Blackboard Collaborate; or available fully online**

Introduction to all areas of computer support. Learners will also observe a support professional at work on the job.

#### **MARKETING PRINCIPLES (3cr.) 10104172 Blended course: 2-days face-to-face, 2-days online**

We are all affected by marketing activities on a daily basis, both in our workplace and as consumers. In this course, we will explore consumer demographics, lifestyles and decision making; evaluate product distribution, promotion and price planning; and critique a strategic marketing plan.

#### **PRINCIPLES OF INFORMATION SECURITY (2cr.) 10150114 Available via Blackboard Collaborate ; or available fully online**

An introduction to the various technical and administrative aspects of information security and assurance. This course provides the foundation for understanding the key issues associated with

protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.

### **COMMUNITY SERVICES:**

#### **INTRODUCTION TO HUMAN SERVICES (3cr.) 10520101 Blended course: 2-days face-to-face, 2-days online; or fully online**

Examine the evolution of the human services field. Distinguish the various types of human service agencies and occupations available in the field. Demonstrate the qualities of the field professionals. Complete 10 hours of community service at an agency of learners choice outside of class time. Assess boundaries and ethical issues commonly found in the human services professions. Apply reflective practitioner methods. ***\*This course will involve heavy writing, basic understanding of APA format preferred***

#### **INTRODUCTION TO COUNSELING (3cr.) 10520115 Blended course: 2-days face Blended course: 2-days face-to-face, 2-days online; or fully online**

Ascertain foundational building block skills in the counseling relationship. Establish therapeutic relationship skills. Apply basic counseling techniques. Evaluate performance through mock counseling sessions and personal experience reflections. Determine issues of boundaries and ethics. Apply reflective practitioner methods. ***\*This course will involve heavy writing, basic understanding of APA format preferred***

### **EARLY CHILDHOOD EDUCATION: Class times: CESA 10: 9:50 – 10:37am, ERVING 10:40-11:27 am**

***\*\*These three courses will be offered in a year-long sequence. Successful completion of all three courses earns students NTC's Early Childhood Licensing Basic Ages 0-2 state certificate, which is eligible for ACT 59 incentive grant reimbursement under currently released guidelines.\*\****

#### **ECE: FOUNDATIONS OF ECE (3cr.) 10307148 3 days face to face**

This 3-credit course introduces you to the early childhood profession. Course competencies include: integrate of strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; 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 analyze the principles of the WI Model Early Learning Standards.

#### **ECE: INFANT AND TODDLER (3cr.) 10307151 3 days face to face**

In this 3 credit course, you will study infant and toddler development as it applies to an early childhood education setting. Courses competencies include: integrate strategies that support diversity and anti-bias perspectives, analyze development of infants and toddlers (conception to three years), 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 age three) and examine caregiving routines as curriculum.

**ECE: HEALTH, SAFETY & NUTRITION (3cr.) 10307167 3 days face to face**

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 and anti-bias perspectives, follow 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 meals, examine Child Abuse and Neglect (CAN) issues and mandates, apply Sudden Infant Death Syndrome (SIDS) risk reduction strategies and apply strategies to prevent occurrence of Shaken Baby Syndrome (SBS) and incorporate health, safety and nutrition concepts into the children's curriculum.

**SIGN LANGUAGE INTERPRETING IN EDUCATION:**

**Sign Language: An Introduction (2 cr.) 10533100 4 days face to face**

Focuses on student development of conversational American Sign Language (ASL). Develop an awareness of sign vocabulary, being able to recognize and produce ASL with appropriate non-manual behaviors and grammatical features. Issues related to Deaf culture will also be discussed. Some signing skills recommended.

**SCHOOL OF GENERAL STUDIES**

**SOCIAL SCIENCE:**

**INTRO TO SOCIOLOGY (3cr.) 10809196 Blended course: 2-days face-to-face, 2-days online; also available fully online**

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

**INTRO TO PSYCHOLOGY (3cr.) 10809198 Blended course: 2-days face-to-face, 2-days online; also available fully online**

This introductory course in psychology is a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings.

**COMMUNICATION:**

\*All NTC Communication classes will require knowledge and use of APA Style Writing. Students are encouraged to complete the Basics of APA Style Writing course in addition to communications course(s).

**BASICS OF APA STYLE WRITING (1cr.) 10801125 Blended course: 1 days face-to-face, 3 days online; also available fully online**

Introduces the basics of American Psychological Association (APA) Style writing to help learners in psychology and related fields write term papers, research reports, and journal articles. This course follows the organization of the APA Publication Manual, providing a comprehensive overview of elements of manuscript preparation. Content includes guidance on writing for the social sciences, manuscript structure and content, writing principles and style, the mechanics of APA Style, displaying results, crediting sources and creating a reference list.

**WRITTEN COMMUNICATION (3cr.) 10801195 Blended course: 2-days face-to-face, 2-days online; also available fully online**

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

**ENGLISH COMPOSITION 1 (3cr.) 10801136 Blended course: 2 days face-to-face, 2 days online; also available fully online**

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

**ORAL COMMUNICATION (3cr.) 10801196 Blended course: 2 days face-to-face, 2 days online; also available fully online**

Focuses upon developing speaking, verbal and nonverbal communication and listening skills through individual presentations, group activities and other projects.

**SCIENCE:**

**PRINCIPLES OF SUSTAINABILITY (3cr.) 10806112 Blended course: 2-days face-to-face, 2-days online**

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.

**BODY, STRUCTURE & FUNCTION (3cr.) 10806110 Online**

Body, Structure and Function is a one-semester course in the structures and functions of the human body. It also integrates and correlates applicable principles and concepts of cell biology and histology.

**\*Additional Cost: Lab Kit and Access Code - \$220 approximate plus textbook**

**MATHEMATICS:**

**TRIGONOMETRY w/APPS (3cr.) 10804196 Blended course: 2 days face-to-face, 2 days online**

**Pre-requisite:** High School level Algebra 2 or Pre-Calculus course

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

**CALCULUS 1 (4cr.) 10804198 Blended course: 2 days face-to-face, 2 days online**

**Pre-requisite:** High School level Pre-Calculus course

Analyze and graph algebraic expressions, especially conic sections. Develop an intuitive understanding of limits, derivatives and integrals. Apply the derivative and the integral to certain physical problems.

## **SCHOOL OF HEALTH SCIENCES**

**MEDICAL TERMINOLOGY (3cr.) 10501101 Blended course: 1-day face-to-face (Wednesday or Thursday), 3 days online; OR Fully Online**

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms with an emphasis on spelling, definition, and pronunciation. Introduces operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. This course involves learning a new language and is relevant for any student interested in medicine or a medical profession.

**INTRODUCTION TO HEALTH CAREERS (1cr.) 10501190 Blended course: 1-days face-to-face, 3-days online; Or Accelerated course: 2 days face-to-face, first 5 weeks of semester**

In this course, participants will discuss what it means to be a health care provider and examine related health careers. Educational preparation, job responsibilities, and appropriate personal attributes will be surveyed in order to assist participants in career decision planning. Health career programs which NTC offers will be highlighted. Topics to be covered: Personal characteristics, Communication, Cultural Diversity, Standard Precautions, Ethical and Legal Issues, Costs of Health Care, Delivery System, Exploring Medical Careers, Health Literacy in Health Care, Understanding Patient Needs, and Alternative Therapies used in Health Care.

**CUSTOMER FOCUSED CAREGIVING (2cr.) 10543162 1-days face-to-face, 3-days online; OR Fully Online**

This two-credit online course prepares healthcare workers to function professionally in the hospital or clinic environment. It will help healthcare providers to remember there is a person behind the disease. Understanding the experience of illness and disease from the patient's perspective can help health care workers provide reassurance, communicate caring and foster healing of body and mind. Patients who feel listened to and cared for are much more likely to be satisfied customers and return to the agency for their future health care needs.

## **SCHOOL OF PUBLIC SAFETY**

CURRENT EVENTS IN CRIMINAL JUSTICE (3cr.) 10504173 4 days face to face – class time before 9 am;

OR Online – interactive format including faculty participation, recorded video lectures & discussions

Students will explore nine current issues related to law enforcement of today. Students will be given scenarios that speak to those issues and will be expected to research, reflect and eventually respond to those scenarios in a manner that effectively addresses the issues being explored. This is NOT an Intro to Criminal Justice course, but can be used as an elective in many Criminal Justice programs. *\* Students will need to have a high level of reading and writing skills for this course; research will be required.*

## **SCHOOL OF APPLIED TECHNOLOGY AND ENGINEERING**

2D MACHINE TOOL CAD\* (1cr.) 10606140 4-days face-to-face

***Prerequisite:*** Students must have access to AutoCAD software program.

In this course you will study the operation and uses of interactive computer graphics systems. You will also develop your basic skills in creating, modifying, editing, storing and plotting 2 dimensional AutoCAD drawings, while using basic knowledge of available hardware and software on assigned projects.

PHOTOSHOP/IMAGE MANIPULATION\* (2cr.) 10204126 Blended course: 2-days face-to-face, 2-days online

***Prerequisite:*** Familiarity with Macintosh operating system. Students must have access to Adobe Photoshop software program.

Students will learn Adobe Photoshop as they create, adjust and manipulate images for print and web. Special attention will be given to image manipulation techniques, color/tonal correction, resolution, and output issues.

SOLIDWORKS\* (2cr.) 10606165 Online, using Adobe Connect for Instructor Assistance

***Prerequisite:*** Students must have access to SolidWorks software program.

Upon completion of this course, the learner will be able to utilize 3-dimensional software SolidWorks to create part models, assemblies, and the subsequent 2D working drawings. This course will begin at an entry-level and progress to a beginning user status. Fundamentals of SolidWorks will be covered and mastered through the creation of various design projects.

DIGITAL PHOTOGRAPHY (3cr.) 10204135 Online

An introductory look at digital photography as both a hobby and as a profession. The course will cover digital image basics, digital camera features, using digital cameras, photographic techniques, studio photography, basic digital image editing and using and printing digital images.

\* Access to listed software is required.

**Examples of Student Pathways available via distance education through NTC:**

<b>Health Pathway</b>	
Intro to Health Careers 10-501-190	1 credits
Medical Terminology 10-501-101	3 credits
Body, Structure, Function 10-806-110	3 credits
Customer Focused Caregiving 10-543-162	2 credits
Written Communication 10-801-195	3 credits
Intro to Psychology 10-809-198	3 credits

<b>Early Childhood Education Pathway</b>	
<b>*Students earn NTC Early Childhood Licensing Basic Ages 0-2 Certificate if complete all 3 ECE courses*</b>	
ECE: Foundations of ECE 10-307-148	3 credits
ECE: Infant and Toddler 10-307-151	3 credits
ECE: Health, Safety & Nutrition 10-307-167	3 credits
Written Communication 10-801-195	3 credits
Introduction to Psychology 10-801-198	3 credits

<b>Business Professional Pathway</b>	
Accounting 1 10-101-111	4 credits
Introduction to Business 10-102-124	3 credits
Marketing Principles 10-104-172	3 credits
Written Communication 10-801-195	3 credits
Intro to Psychology 10-809-198	3 credits