Badge Course List

Fall 2019
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*Badge courses lists in red indicate that approval is required to take this course.
Accessibility: Assistive Technology (CRN: 17178)

This badge course introduces students to commonly used assistive technologies. Students will learn about such items as screen readers and voice-to-text programs and learn how these technologies help to mitigate the impact of impairments. Assistive technologies for people who are blind/low vision, hard-of-hearing/Deaf, have age-related impairments, and who have mental illness are all covered. Assessments are two quizzes and a short project where students are asked to work with an assistive technology for 4-8 hours and report on the experience.

Upon completion of this course, students will be able to:

1. Identify common types of AT for visual impairment.
2. Identify common AT for hearing impairment.
3. Consider the value of AT for the aging population.
4. Identify some AT solutions for people with mental health impairments.
5. Recognize other common assistive technologies and their applications.
6. Practice using a common assistive technology.

Accessibility in Higher Education: Accessibility, Accommodations, and UDL (CRN: 17177)

This badge course addresses the distinction between accessibility, accommodations, and universal design for learning. Although these concepts are related, they are distinct, addressing different aspects of the educational process. Students will learn to differentiate and apply these terms to their own educational settings.

Upon completion of this badge, students will be able to:

1. Define accessibility and accommodations.
2. Apply the concept of accessibility to the course design process.
3. Identify situations where specific accommodations are necessary.
4. Define the fundamental concepts of universal design for learning theory.
5. Create course outcomes consistent with universal design for learning theory.

Accessibility in Higher Education: Accessibility’s Legal Landscape (CRN: 17179)

This badge course presents the legal issues associated with accessibility in higher education and related industries. The course begins with the Rehabilitation Act of 1973 and continues to cover up-to-date court cases, consent decrees, and other legislation and legal documents that address accessibility.

Upon completion of this badge, students will be able to:
1. Explain the importance of Section 504 of the Rehabilitation Act of 1973 to institutions receiving federal dollars through the Department of Education.
2. Recognize the impact of WCAG 2.0 standards on accessibility law and regulation.
3. Recognize the distinction between ADA, 504, and 508.
4. Present a timeline of accessibility law development from a civil rights perspective.

**Anatomy & Physiology of Lactation (CRN: 17192)**

This course focuses on the anatomical and physiological basis of lactation and breastfeeding, and the biological components of human milk that make it the best nutrition for infants. This course is appropriate for any person who wants to support breastfeeding families; as well as, individuals preparing for IBLCE certification.

Upon successful completion of this course, students will be able to:

1. Understand the anatomy of the human female breast and the physiological mechanisms of milk production.
2. Recognize the anatomy of the oral structure of the human infant and the physiological mechanisms of suckling.
3. Interpret the biological components of human milk, and the biochemical messages that contribute to the well-being of the mother and infant.

**Beginning Jazz Improvisation: Improvising Using Modes (CRN 17226)**

This badge uses several basic scales, harmonies, and chord progressions to provide an introduction to the application of chord-scale theory. Concepts include the major scale and the maj7 chord, the Dorian scale and the min7 chord, the Mixolydian scale and the dom7 chord, and the Harmonic Minor scale and the tonic minor chord.

Upon completion of the badge students will be able to:

1. Spell and execute the appropriate major, Dorian, Mixolydian, and Harmonic Minor scale vocabulary over the related maj7, min7, dom7, and tonic minor chords.
2. Navigate relevant chord progressions with the appropriate chord-scale relationships and melodic vocabulary.

**Beginning Jazz Improvisation: Intro to Jazz Theory (CRN 17225)**

This badge course provides a theoretical overview of the melodic and harmonic elements that make-up the jazz language. Concepts include intervals, triad and 7th chords, scales and modes, diatonic keys and harmonic function, and chord-scale theory.

Upon completion of this badge, students will be able to:
1. Construct melodic and harmonic intervals.
2. Construct major and minor triads, as well as the seven harmonic 7th chord families found within the major/minor key system.
3. Construct major and harmonic minor scales and their related modes.
4. Apply the structures of major and harmonic minor scales and their related modes to harmonic families.

### Care of Populations: Community (CRN: 17196)

Improving the health in a community depends on effective community partnerships. This badge introduces students to the concepts of population-based program development, implementation, and evaluation. Additionally, community-based relationships, program methodology, and the social determinants of health will be explored.

Upon completion of this badge, students will be able to:

1. Describe the programs and services provided by government and non-governmental organizations.
2. Recognize the continuum of relationships and determinants impacting the health in a community.
3. Identify community assets and resources to improve health in a community.
4. Demonstrate ways to use collaborative strategies to improve the health in a community.

### Care of Populations: Culture (CRN: 17197)

Culture influences health behavior and when major differences exist between a patient’s and provider’s cultural framework for illness, a host of adverse outcomes may result. This badge introduces students to the concepts of health and health care disparity and the importance of learning how individuals define, react to, and treat illness and other health risks.

Upon completion of this badge, students will be able to:

1. Describe the concept of culture and its impact on disparate health outcomes.
2. Recognize different conceptual frameworks for understanding health and illness.
3. Identify factors that influence health care practice and delivery.
4. Illustrate ways to improve service delivery through culturally-responsive care for diverse populations.
5. Assess the importance of culturally-informed care as a professional responsibility.

### Care of Populations: Financial Planning (CRN: 17195)

Financial Planning and Management principals are key for all organizations. Understanding these elements are crucial for professionals to assist in keeping organizations financially stable. This badge introduces students to various management concepts, as well as the basic principles of financial
planning. Students will be exposed to financial and management tools to learn how they are utilized in all areas of decision making.

Upon successful completion of this course, students will be able to:

1. Describe public health funding mechanisms.
2. Identify elements of financial statements and how they can be interpreted.
3. Describe financial analysis methods used in making decisions about policies, programs, and services.
4. Consider how teams can be effectively utilized to achieve program and organizational goals.
5. Illustrate ways to improve program performance standards and measures.

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**Care of Populations: Leadership (CRN: 17194)**

Leadership skills consistent with collaborative approaches are essential and need to be part of organizations that interest with the larger public health system. This badge will introduce six key practices of collaborative leadership: Assessing the Environment, Creating Clarity, Sharing Power and Influence, Building Trust, Self Reflection, and Developing People. & Course activities will build collaborative and team-oriented leadership capacity among public health professionals as well as diverse state and local community partners.

Upon successful completion of this course, students will be able to:

1. Identify needs for collaborative leadership and professional development.
2. Describes the ways public health, health care, and other organizations can work together or individually to impact the health of a community.
3. Understand public health as part of a larger inter-related system of organizations that influence the health of populations at local, national, and global levels.
4. Consider standards of practice into all interactions with individuals, organizations, and communities.

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**Care of Populations: Policy (CRN: 17198)**

This badge focuses on developing Policy Development & Program Planning Skills, based on the Core Competencies for Public Health professionals, Tier 1. Course activities will help student build awareness, understanding and capacities related health improvement planning, developing program goals and objectives, strategic planning, public health policy, and quality improvement.

Upon successful completion of this course, students will be able to:

1. Contribute to state/Tribal/community health improvement planning.
2. Describe organizational strategic plan components.
3. Gather information that can inform options for policies, programs, and services.
4. Apply strategies for continuous quality improvement.
Care of Populations: Public Health (CRN: 17193)

This badge introduces students to the tools of public health. Students will explore the history of the U.S. Public Health system and learn how public health practitioners integrate core competencies, essential services, and retrieval of evidence for the goal of improving the health of populations.

Upon successful completion of this course, students will be able to:

1. Describe the core functions and essential services of public health practice.
2. Identify prominent events in the history of public health.
3. Describe the delivery of the 10 essential public health services.
4. Search community health data.
5. Assess population health outcomes.

Computer Programming: Computer Programming for Engineers (CRN: 17220)

This course provides basic computer programming skills using a user-friendly programing language, i.e., Matlab. Students will learn practical skills how to develop computer codes to numerically solve engineering problems. This course includes data types, flow control, functions, plotting, simulation, and numerical methods. Prerequisite: students must possess basic numerical analysis and interpreting skills before enrolling this course.

Upon successful completion of this course, students will be able to:

1. Introduce computational tool for mechanical engineering systems.
2. Visualize engineering data in 2D and 3D plots.
3. Write scripts and functions to formulate mechanical engineering problems.
4. Solve linear and nonlinear equations numerically.
5. Critically evaluate obtained mathematical solutions to analyze and design engineering systems.

Computer Programming: Linear Systems for Engineers (CRN: 17219)

This course provides the essential knowledge of linear systems, aiming at understanding, analyzing, and designing various mechanical engineering systems. The students will learn matrix definition, build, property, and operation as basic engineering mathematical tools, and their practical applications to various mechanical engineering systems. Prerequisite: students must possess basic math skills in algebra before enrolling this course.

Upon successful completion of this course, students will be able to:

1. Identify engineering linear systems.
2. Practice the engineering linear algebra.
3. Apply the principles of linear systems to formulate mechanical engineering systems.
4. Solve linear systems in order to determine mathematical solutions.
5. Critically evaluate obtained mathematical solutions to analyze and design mechanical engineering systems.

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**Computer Programming: Numerical Analysis for Engineers**

(CRN: 17221)

This course provides the principles of evaluating numerical differentiation, integration, and interpolation. Students will also practice how to estimate the numerical accuracy using relative error. Prerequisite: students must possess basic math skills in algebra and calculus and basic understandings of Newton’s second law before enrolling this course.

Upon successful completion of this course, students will be able to:

1. Introduce principles of numerical differentiation and integration.
2. Practice implantations of mathematical principles into user-friendly computer code.
3. Estimate the numerical accuracy.
4. Identify advantages and disadvantages on each differentiation and integration.
5. Practice the numerical differentiation and integration in engineering problems.

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**Computer Programming: Numerical Differential Equations for Engineers**

(CRN: 17224)

This course provides the basic principles of solving differential equations using numerical methods to solve various mechanical engineering problems. Students will practice how to implement the mathematical principles into the user-friendly computer code, i.e., Matlab, to numerically solve differential equations. Prerequisite: students must possess basic math skills in algebra and calculus and elementary understandings of Newton’s second law and physical properties such as temperature, pressure, displacement, velocity, and acceleration before enrolling this course.

Upon successful completion of this course, students will be able to:

1. Identify first and second order differential equations in mechanical engineering systems.
2. Introduce principles of solving differential equations.
3. Practice implantations of mathematical principles into user-friendly computer code.
4. Quantify the numerical error in the obtained numerical solutions.
5. Critically evaluate obtained mathematical solutions to analyze and design mechanical engineering systems.
**Computer Programming: Optimization for Engineers (CRN: 17223)**

This course provides the basic principles of optimization and practices to optimally design mechanical engineering systems. Students will learn how to implement the mathematical principles into the user-friendly computer code, i.e., Matlab, to numerically determine optimal engineering solutions. Prerequisite: students must possess basic math skills in algebra and calculus, and rudimentary computer programming skills before enrolling this course.

Upon successful completion of this course, students will be able to:

1. Identify optimization problems and build objective functions.
2. Identify the difference between the local and global minima.
3. Practice implantations of mathematical principles into user-friendly computer code.
4. Identify advantages and disadvantages on each optimization method.
5. Critically evaluate obtained mathematical solutions to analyze and design mechanical engineering systems.

**Computer Programming: Root Finding for Engineers (CRN: 17222)**

This course provides the basic principle of root finding method (solving nonlinear equations) to solve various mechanical engineering problems. Students will practice how to implement the mathematical principles into the user-friendly computer code, i.e., Matlab, to numerically solve nonlinear equations. Prerequisite: students must possess basic math skills in algebra and calculus and elementary computer programming skills before enrolling this course.

Upon successful completion of this course, students will be able to:

1. Identify nonlinear equations in mechanical engineering systems.
2. Introduce principle of root finding methods (solving nonlinear equations).
3. Practice implantations of mathematical principles into user-friendly computer code.
4. Identify advantages and disadvantages on each root finding method.
5. Critically evaluate obtained mathematical solutions to analyze and design mechanical engineering systems.

**Creative Interventions: Biofeedback in the Helping Professions (CRN: 17232)**

The Biofeedback and the Helping Professions badge will provide an introduction to biofeedback as a practice technique in human services. The badge will overview both the autonomic nervous systems in relation to biofeedback. The badge will also provide an overview of ethics and values in the helping professions (social work) and biofeedback practice. Finally, biofeedback as an evidence based practice will be discussed.

Upon completion of the badge, students should be able to demonstrate the following:
1. An understand of the foundations of biofeedback as a practice technique.
2. The Student will be able to understand and explain the autonomic nervous system in relation to the sympathetic and parasympathetic nervous systems.
3. Demonstrate knowledge of professional social work ethics in practice (or your own professional association’s) and knowledge of the Association for Applied Psychophysiology and Biofeedback ethical principles.

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**Creative Interventions: Creative Process in Practice** (CRN: 17233)

This badge focuses on understanding the use of creative techniques to assist helpers in creative empowerment and anti-oppressive practices in their professional roles.

Upon completion of this badge, students will be able to:

1. Identify at least one theoretical framework for creative social work intervention in professional helping.
2. Develop basic understanding of literature-based strategies used to enhance capacities with individuals, families, groups, organizations, and communities in social work practice.
3. Understand at least two art- and music-based strategies to enhance capacities with individuals, families, groups, organizations, and communities.
4. Discuss how creativity in social work practice can be utilized to promote diversity, inclusion, and empowerment.

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**Creative Interventions: Mindfulness in Practice** (CRN: 17231)

Social Work Practice using Compassion and Mindfulness will explore the use of mindfulness and compassion in practice. Students will learn about the importance of using mindfulness and compassion for self-care as well as client care. The badge will explore mindfulness and compassion through the trinity of mind, body, and spirit and learn techniques and skills to incorporate into practice.

Upon completion of this badge, students will be able to:

1. Demonstrate knowledge of mindfulness in personal and professional practice.
2. Describe mindfulness practice skills and record processes/outcomes.
3. Identify and describe the main concepts and skills of mindfulness in living.

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**Creative Interventions: Professionalism in Practice** (CRN: 17229)

This course focuses on professionalism within the helping professions, with particular attention to the National Association of Social Workers' Code of Ethics. Students will discuss ethical responsibilities and challenges which may exist within multilevel practice arenas, with particular attention to
documentation, confidentiality, and technology. Specific practice issues with various types of helping will be examined.

Upon completion of this badge, students will be able to:

1. Demonstrate knowledge of professional social work ethics in practice.
2. Identify at least three practice issues related to client rights, the professional relationship, and supervision.
3. Articulate at least two requirements for record keeping and confidentiality.
4. Describe ten ethical responsibilities for professionalism and technology usage.

**Creative Interventions: Trauma Informed Care (CRN: 17230)**

This course will cover the core principals of trauma informed care (individual, family, and community) and will review the identification of trauma and symptoms of adverse childhood experiences. This course will also address secondary trauma exposure and the necessity of clinician self-care. This review will reflect the core areas of cultural competency, empowerment, and social justice and will provide opportunities for applying theories and critical thinking. Ethics, knowledge of self, and development of practice skills for human service fields (medical, social work, substance abuse, education, and criminal justice) will be emphasized.

Upon completion of this badge, students will be able to:

1. Be aware of theoretical perspectives of trauma informed care and interventions in response to trauma experiences.
2. Apply basic assessment skills in the presence of possible trauma reactions.
3. Demonstrate initial understanding of the range of responses to trauma.
4. Be familiar with resources available to clinicians and clients when trauma has occurred.

**Engineering Graphics Series: Assembly (CRN: 17214)**

This badge will introduce students to working drawings, and the various components of such drawings. Real engineering drawings of various assemblies will be analyzed geometrically. Special conventions used in assembly drawings will be discussed.

Upon completion of this badge, students will be able to:

1. Identify the different parts of a working drawing (i.e. detail drawings, assembly drawing, title block and parts list).
2. Apply section conventions used in assembly drawings.
3. Determine distance and angles between features in assembly drawings.
Engineering Graphics Series: Geometric Dimensioning and Tolerancing (CRN: 17211)

This badge will introduce students to geometric dimensioning and tolerancing (GD&T). Orthographic multiview projections incorporating GD&T notation will be analyzed geometrically. Implications of GD&T notation in terms of tolerance zones and fit between parts will be discussed.

Upon completion of this badge, students will be able to:

1. Identify GD&T notation.
2. Interpret dimensions and tolerances in engineering drawings that make use of GD&T notation.

Engineering Graphics Series: Orthographic Multiview Projections (CRN: 17212)

This badge will introduce students to Engineering Graphics, and to Orthographic Multiview Projections. The badge will cover first and third angle projections, primary views, section views, auxiliary views and line types. It will make use of trigonometry to calculate distance and angles between features from the various views.

Upon completion of this badge, students will be able to:

1. Identify orthographic multiview projection systems and the various views, including primary, section and auxiliary views.
2. Apply and interpret the meaning of the different lines used in orthographic multiview projections.
3. Determine the type and number of views necessary to completely describe an object using orthographic multiview projections.
4. Extract geometric information (i.e. distance and/or angles between features) from orthographic multiview projections.

Engineering Graphics Series: Parts (CRN: 17213)

This badge will introduce students to three-dimensional (3D) object representations. The badge will make emphasis on isometric projections. Isometric projections will be built from other object representation forms, including orthographic multiview projections.

Upon completion of this badge, student will be able to:

1. Identify the different 3D representations of objects.
2. Manually build isometric projections from other object representations, including orthographic multiview projections.
**Human Resource Management: Designing Jobs (CRN: 17199)**

In this badge course, students will learn about job design, common approaches to job design, and job analysis. The course material will provide new approaches to designing job characteristics to support organizations' strategic objectives and employees' work-life balance. Activities in the badge will engage students in creating job descriptions as an effective way to communicate employees' roles.

Upon completion of the badge students will be able to:

1. Define job design.
2. Identify common approaches to job design.
3. Design job characteristics to support organizations' strategic objectives.
4. Discuss how work design is linked to work–life balancing efforts.
5. Define the importance of job descriptions and discuss the key elements of effective job descriptions and specifications.
6. Create job descriptions and specifications.

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**Human Resource Management: Effective Employee Recruitment (CRN: 17200)**

In this badge course, students will learn about effective approaches to attracting potential employees and generating large pool of applicants. Badge information will include core concepts of employee recruitment, internal and external sources of recruitment, and various methods to reach potential employees. Much emphasis will be placed on online recruitment and effective use of social media. Badge activities will engage students in designing recruitment strategies.

Upon completion of the badge students will be able to:

1. Define recruitment and recruitment strategy.
2. Identify external recruiting sources such as colleges, professional associations, etc.
3. Identify internal sources for recruiting such as promotions, relocations and issues associated with them.
4. Differentiate between internal and external recruitment. Identify the benefits of internal and external recruitment.
5. Outline effective ways to use online recruiting, the role of social media, and the impact of recruiters.
6. Design recruitment strategy.

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**Human Resource Management: Managing Employee Performance (CRN: 17202)**

This badge course will provide students with essential information about employee performance management. They will be exposed to ways to appraise performance. Students will also learn about performance appraisal, 360- appraisal, appraisers, evaluation biases, ways to evaluated employee
behaviors, competences, and contributions on the job. Activities in the badge will allow students to practice performance feedback and learn ways to improve its effectiveness.

Upon completion of the badge students will be able to:

1. Define performance and the purpose of performance management.
2. Explain strategic, administrative and developmental uses of performance appraisal.
3. Describe the advantages and disadvantages of multi-source (360-degree) appraisals.
4. Describe the role of performance appraisers and raters’ errors.
5. Discuss ways to evaluate employee behaviors, competences, traits, and final results.
6. Practice performance feedback and ways to improve its effectiveness.

Human Resource Management: Mentoring Employees (CRN: 17203)

This badge course will provide students with core knowledge about mentoring and its importance for both employees and the employing organization. Students will also learn about designing successful mentoring programs, contrasting formal and informal mentoring, and differentiating coaching from mentoring. Special attention will be devoted to mentor - protégé relationships as well as use of technology in mentoring and mentoring at different career stages.

Upon completion of the badge students will be able to:

1. Define mentoring and its importance its importance for both employees and the employing organization.
2. Identify the characteristics of successful mentoring programs.
3. Recognize the role of mentor characteristics.
4. Compare and contrast formal and informal mentoring.
5. Define coaching. Differentiate coaching from mentoring.
6. Describe the use of technology in employee mentoring.
7. Recognize the need for mentoring at different career stages.

Human Resource Management: Selecting the Right Employee (CRN: 17201)

This badge covers the key decision-making concepts in hiring employees and team members. Badge information will expose students to core legal requirements in hiring employees. Students will also learn about selection tests and practices. Activities will allow students to explore decision making techniques and potential biases in identifying the right employee for a job.

Upon completion of the badge students will be able to:

1. Describe the steps in typical hiring process.
2. Specify legal requirements related to hiring to assure equal opportunity employment.
3. Identify selection tests and practices to gather predictive data for employee hiring such as work samples, simulations, aptitude tests.
4. Develop valid and predictable employment interviews.
5. Identify selection interview biases and measures to prevent using these biases in decision making.
6. Apply selection methods to recognize the best candidate for a job.

Global Business: Globalization and Its Implications (CRN: 17246)

In this badge, students will learn about globalization, its causes, and its impact on different stakeholders. Badge content will include an analysis of the history of globalization, and its effects, both positive and negative, on different stakeholders in society.

Upon completion of the badge students will be able to:

1. Describe globalization and its causes
2. Explain how recent social and technological changes have affected the process of globalization
3. Analyze how globalization has affected different stakeholders (local businesses, multinationals, governments, customers, suppliers, local communities etc.) in different economies
4. Reflect on how globalization has affected you personally

Global Business: Managing Across Cultures (CRN: 17247)

In this badge, students will learn about what culture is and how it affects businesses. Badge information will include core concepts of overview of cultures, understanding cultural frameworks, and using these frameworks to understand how different aspects of culture affect businesses. Hofstede's cultural framework will be used to help analyze how cultural dimensions affect businesses and organizations.

Upon completion of the badge students will be able to:

1. Describe some of culture’s characteristics
2. Explain how culture affects businesses/organizations
3. Identify different cultural dimensions using Hofstede’s framework
4. Analyze country cultures using Hofstede
5. Explain how cultural differences across countries could translate into different business practices

International Phonetic Alphabet: English (CRN: 17227)

The International Phonetic Alphabet (IPA) is an alphabet, unlike English, in which a single symbol represents a sound. The alphabet was created as a standardization of representative sounds of oral language. This course has been developed to be of use to singers, voice teachers, linguists, speech pathologists and actors.
Upon completion of badge students will be able to:

1. Acquire the tools to be able to sing or speak clearly and correctly in English
2. The course will introduce the International Phonetic Alphabet (IPA)
3. Correct articulation and the use and placement of the articulators
4. Learn forward, central, back and central vowels
5. Learn Stop-Plosive, Nasal, Fricative, Lateral and combined consonants and Glides
6. The individual characters in the IPA, (International Phonetic Alphabet) and those specific to the Italian language.
7. The students will learn to transcribe language into IPA symbols in class work and assignments.
8. By the end of the semester the student will be able to use the IPA to speak or sing texts with correct pronunciation, clarity and flow of the language.

**International Phonetic Alphabet: German (CRN: 17228)**

The International Phonetic Alphabet (IPA) is an alphabet, unlike English, in which a single symbol represents a sound. It is a phonetic language, as is the German language. The IPA was created as a standardization of representative sounds of oral language. This course has been developed to be of use to singers, voice teachers, choral conductors, linguists and actors who wish to speak or sing in German, or to affect a realistic German accent in the creation of a character for the stage.

Upon completion of badge students will be able to:

1. Acquire the tools to be able to sing or speak clearly and correctly in German.
2. Demonstrate correct diction, and to use the individual characters in the IPA, (International Phonetic Alphabet), and those specific to the German language, to transcribe German texts and to articulate them with correct pronunciation.
3. Demonstrate correct articulation as well as the correct use and placement of the articulators
4. Demonstrate correct diction, and to use the individual characters in the IPA, (International Phonetic Alphabet), and those specific to the German language, to transcribe German texts and to articulate German with correct pronunciation.
5. Transcribe, pronounce and sing German through lab sessions, class work and assignments.
6. Apply the IPA to transcribe text, to sing German texts with correct pronunciation, and to demonstrate clarity and flow of the language with authentic inflexion and German pronunciation.

**Intro to Criminal Justice: Corrections (CRN: 17173)**

This badge course provides an introduction to criminal justice with an emphasis on corrections. Using OER (open educational resource) materials, students will be introduced to the corrections system in the United States; including the history of punishments and corrections, the purpose and function of corrections, and the different types of corrections used in the United States. This course will also discuss some basics about offender populations and corrections, before moving on to explore the corrections field as it relates to criminal justice professionals and their jobs.
Upon completion of this badge, students will be able to:

1. Identify, define, and properly utilize terminology and concepts associated with criminal justice and courts.
2. Summarize the history and functions of federal and state courts in the United States.
3. Outline the structure and trial processes of courts in the United States.
4. Identify courtroom actors and define their roles.
5. Examine court methods and contemporary challenges.

**Intro to Criminal Justice: Courts (CRN: 17172)**

This badge course provides an introduction to criminal justice with an emphasis on the courts. Using OER (open educational resource) materials, students will be introduced to the federal and state court systems in the United States; including the history, functions, structures, actors, and trial processes. Students will also learn about challenges facing the courts and how they impact criminal justice and the United States.

Upon completion of this badge, students will be able to:

1. Identify, define, and properly utilize terminology and concepts associated with criminal justice and courts.
2. Summarize the history and functions of federal and state courts in the United States.
3. Outline the structure and trial processes of courts in the United States.
4. Identify courtroom actors and define their roles.
5. Examine court methods and contemporary challenges.

**Intro to Criminal Justice: Juvenile Justice (CRN: 17174)**

This badge course provides an introduction to criminal justice with an emphasis on Juvenile Justice. Using OER (open educational resource) materials, students will be introduced to the Juvenile Justice system in the United States; including the history of juvenile justice, the development and growth of juvenile rights, and the establishment of the juvenile court system and process. This course will also discuss some basics about the juvenile correctional system, before moving on to explore special topics and challenges related to juvenile justice and criminal justice professionals in this field.

Upon completion of this badge, students will be able to:

1. Understand the history of juvenile justice
2. Be informed on the development and growth of juvenile rights
3. Be informed on the establishment of the juvenile court system and process
4. Discuss basics of the juvenile correctional system
5. Explore challenges related to juvenile justice and criminal justice professionals in this field.
**Intro to Criminal Justice: Law Enforcement (CRN: 17171)**

This badge course provides an introduction to criminal justice with an emphasis on law enforcement. Using OER (open educational resource) materials, students will be introduced to the world of law enforcement in the United States; including the history of different agencies, their functions, and the basic foundations of police work. Students will also learn about current issues, trends, and challenges relating to law enforcement and how they impact criminal justice and the United States.

Upon completion of this badge, students will be able to:

1. Identify, define, and properly utilize terminology and concepts associated with criminal justice and law enforcement.
2. Summarize the history and functions of United States federal, state, and local law enforcement agencies.
3. Explain the process of becoming a law enforcement officer and the different elements of police work.
4. Explain and summarize the issues of law & the U.S. Constitution related to law enforcement.
5. Summarize the challenges and issues related to law enforcement.

**Library Research: Introduction (CRN: 17215)**

Students will learn to ethically access, evaluate and use information sources to accomplish a specific purpose such as preparation of a research paper or project in order to prepare for college-level research. It is recommended students take this badge and the Library Research: Resource Use, Citations and Plagiarism Badge to better prepare for college-level research.

Upon successful completion of the badge, students will be able to:

1. Develop a topic into a college-level research question.
2. Locate scholarly sources relevant to this question.
3. Create a research log describing a search and defending their article selection.

**Library Research: Plagiarism and APA Citations (CRN: 17217)**

Students will learn about various types of plagiarism, how to avoid plagiarism, and how to cite a variety of types of sources using APA 6th edition citation style.

Upon successful completion of the badge, students will be able to:

1. Evaluate how academic integrity standards are applied in higher education.
2. Analyze different types of plagiarism.
3. Learn how to avoid plagiarism with correct citations.
Library Research: Plagiarism and MLA Citations (CRN: 17218)

Students will learn about various types of plagiarism, how to avoid plagiarism, and how to cite a variety of types of sources using MLA 8th edition citation style.

Upon successful completion of the badge, students will be able to:

1. Evaluate how academic integrity standards are applied in higher education.
2. Analyze different types of plagiarism.
3. Learn how to avoid plagiarism with correct citations.

Library Research: Using Scholarly Sources (CRN: 17216)

In this badge students will learn to ethically access, evaluate and use information sources to accomplish a specific purpose such as preparation of a research paper or project in order to prepare for college-level research.

Upon completion of the badge, students will be able to:

1. Create a complex search query to locate peer-reviewed, scholarly articles.
2. Create an annotated bibliography in MLA 8th edition style.
3. Become familiarized with the ethical and legal issues of information.

Medical Terminology: Bones, Muscles, and Skin (CRN: 17187) – approval required

This medical terminology course covers material over the integumentary (skin) system, the muscular system, and the skeletal system. Included in this course are the structure and function, pathology, diagnostic and treatment procedures, and abbreviations related to these systems. It emphasizes accurate interpretations and analysis of patient, hospital, and other medical records.

Upon completion of this badge, students will be able to:

1. Identify words and word parts used in medical terminology
2. Define words and common word roots, prefixes, and suffixes used in medical terminology.
3. Recognize the importance of spelling medical terms correctly.
4. Apply medical terms to specific situations in the medical setting.
Medical Terminology: Heart, Lungs, and Immune System  
(CRN: 17188) – approval required

This medical terminology course covers material over the cardiovascular system, the pulmonary system, and the immune system. Included in this course are the structure and function, pathology, diagnostic and treatment procedures, and abbreviations related to these systems. It emphasizes accurate interpretations and analysis of patient, hospital, and other medical records.

Over the course of the semester, HP 303 BC students should be able to demonstrate the following:

1. Identify words and word parts used in medical terminology
2. Define words and common word roots, prefixes, and suffixes used in medical terminology
3. Recognize the importance of spelling medical terms correctly
4. Apply medical terms to specific situations in the medical setting

Medical Terminology: Intro to Medical Terminology  
(CRN: 17186)

This 0.5 credit medical terminology badge provides an overview of medical terminology. Students in this course will learn how medical terms are formed, how to effectively translate medical terms, and how to apply those terms to the medical setting. Students will also learn the terms used to describe the gross anatomy of the body and the position of the body, as well as the basic terms that relate to diagnostic and laboratory procedures, and pharmacology.

Upon completion of this badge, students will be able to:

1. Identify words and word parts used in medical terminology
2. Define words and common word roots, prefixes, and suffixes used in medical terminology.
3. Recognize the importance of spelling medical terms correctly.
4. Apply medical terms to specific situations in the medical setting.

Medical Terminology: The Endocrine and Reproductive Systems  
(CRN: 17191) – approval required

This medical terminology course covers material over the endocrine system and the male and female reproductive systems. Included in this course are the structure and function, pathology, diagnostic and treatment procedures, and abbreviations related to these systems. It emphasizes accurate interpretations and analysis of patient, hospital, and other medical records.

Over the course of the semester, HP 303 BF students should be able to demonstrate the following:

1. Identify words and word parts used in medical terminology
2. Define words and common word roots, prefixes, and suffixes used in medical terminology
3. Recognize the importance of spelling medical terms correctly
4. Apply medical terms to specific situations in the medical setting
Medical Terminology: The Gastrointestinal and Urinary Systems
(CRN: 17190) – approval required

This medical terminology course covers material over the gastrointestinal and urinary systems. Included in this course are the structure and function, pathology, diagnostic and treatment procedures, and abbreviations related to these systems. It emphasizes accurate interpretations and analysis of patient, hospital, and other medical records.

Over the course of the semester, HP 303 BE students should be able to demonstrate the following:

1. Identify words and word parts used in medical terminology
2. Define words and common word roots, prefixes, and suffixes used in medical terminology
3. Recognize the importance of spelling medical terms correctly.
4. Apply medical terms to specific situations in the medical setting.

Medical Terminology: The Nervous System and Senses
(CRN: 17189) – approval required

This medical terminology course covers material over the nervous system and the special senses of the eyes and ears. Included in this course are the structure and function, pathology, diagnostic and treatment procedures, and abbreviations related to these systems. It emphasizes accurate interpretations and analysis of patient, hospital, and other medical records.

Over the course of the semester, HP 303 BD students should be able to demonstrate the following:

1. Identify words and word parts used in medical terminology
2. Define words and common word roots, prefixes, and suffixes used in medical terminology.
3. Recognize the importance of spelling medical terms correctly.
4. Apply medical terms to specific situations in the medical setting.

Professional Writing Series: Crafting Your Résumé and Cover Letter
(CRN: 17180)

This badge course emphasizes how to successfully compose a professional résumé and cover letter. Using open educational learning materials, students will learn how to write concise and professional business documents that are directly applicable to the field of business. Students will also learn about the proper composition of these documents, discuss them with their peers, and ultimately produce a résumé and cover letter of their own.

Upon completion of this badge, students will be able to:
1. Describe the core functions of an effective résumé and cover letter.
2. Identify persuasive and effective elements of résumés and cover letters.
3. Analyze and correct résumés and cover letters for conciseness, grammar, punctuation, and successful content.
4. Search local and national job listings that are suited towards individual’s professional and academic goals.
5. Develop an applicable and effectual résumé with an engaging cover letter.

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**Professional Writing Series: Editing Social Media (CRN: 17183)**

This badge emphasizes how to successfully edit personal social media accounts to highlight professionalism. Using open educational learning materials, students will learn how to analyze personal social media accounts for unprofessionalism in images and text. Students will also learn about professional social media accounts and how they can be utilized in job searches and for professional networking.

Upon completion of the badge students should be able to:

1. Describe the core functions of effective and professional social media accounts.
2. Identify persuasive and effective elements of professional social media accounts.
3. Analyze and edit personal social media accounts for privacy and professionalism including Twitter and Facebook.
4. Analyze the effectiveness and professionalism of LinkedIn accounts of people in the student’s field.
5. Develop and/or edit a personal LinkedIn account to include up-to-date information, professional tone, and effective communication of skills.

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**Professional Writing Series: Presenting Online (CRN: 17185)**

This badge emphasizes how to successfully complete an online presentation. Using open educational learning materials, students will learn prepare presentation materials. Students will also learn about the proper etiquette of online presentations, discuss etiquette with their peers, and ultimately complete a successful online presentation for their instructor.

Upon completion of the badge students should be able to:

1. Describe the core functions of an effective online presentation.
2. Identify effective presentation materials for an online medium.
3. Prepare and edit presentation materials for conciseness, grammar, punctuation, and effective content.
4. Identify proper presentation tactics suitable for online presentations.
5. Develop and present an online presentation for the instructor over a provided prompt.
Professional Writing Series: Professional Correspondence, Emails and Memos (CRN: 17181)

This badge course emphasizes how to successfully compose professional correspondence including emails and memos. Using open educational learning materials, students will learn the basics of audience-specific professional written communication for paper and paperless correspondence. In addition to understanding best-practices for a variety of approaches, students will learn how to avoid common errors and misunderstandings.

Upon completion of this badge, students will be able to:

1. Describe the core functions of an effective, clear, and concise email and memo.
2. Identify the value of simple language and define active and passive voice.
3. Explain why good organization is important to both you and your audience and explain how to organize any business message.
4. Demonstrate professional, conversational tone through correspondence practice.
5. Analyze and correct emails and memos for conciseness, grammar, punctuation, and successful content.

Professional Writing Series: Researching Grants That Apply to You (CRN: 17184)

This badge explores how to successfully research and identify grants that apply to your professional career. Using open educational learning materials, students will learn about different resources available to them for grant research. Students will also learn about how to identify the most applicable grants for them or their company. At the conclusion of the course, students will create a grant writing action plan they would potentially like to complete for one of the grants they have identified.

Upon completion of the badge students will be able to:

1. Describe the core functions of a grant and a grant proposal.
2. Identify and explore different avenues for grant research at the individual and group level.
3. Analyze different types of grants and the information required to potentially receive the grant funding.
4. Search grants that are suited towards individual’s professional and academic goals.
5. Develop an “action plan” for a grant proposal geared towards a selected grant.

Professional Writing Series: Writing and Social Media (CRN: 17182)

This badge emphasizes how to successfully write for various social media mediums. Using open educational learning materials, students will learn how to develop a unique and professional social media tone that is directly applicable to their field of business. Students will also learn about the proper written composition for social media, discuss them, have written social media opportunities, and ultimately produce a professional blog site of their own.
Upon completion of the badge students should be able to:

1. Describe the core functions of an effective social media writing.
2. Identify persuasive and effective elements of high-quality social media platforms for business.
3. Analyze and correct examples of writing for social media for conciseness, grammar, punctuation, and successful content.
4. Practice developing professional tone through informal blog assignments.
5. Develop a professional blog site that advertises their writing for social media.

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**Successful Grantwriting 101: Narrative Writing and Budgets**  
(CRN: 17210)

This course is a comprehensive introduction to grantwriting. Topics include developing grant opportunities based on your organization’s strategic plan, researching grantmakers (funders), using the Request for Proposals (RFP) for successful project and proposal planning, understanding persuasive narrative writing, preparing the project budget, and optimizing the proposal for re-submission if it is rejected.

Upon completion of this course, students will be able to:

1. Identify fundable projects appropriate to an organization’s strategic plan
2. Research relevant grantmakers and grant competitions
3. Analyze a Request for Proposals using a template
4. Create a Compliance Checklist of tasks to meet the proposal deadline
5. Create a project Logic Model and write SMART objectives
6. Develop a project budget using a template

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**WSU 101: College 101** (CRN: 17234)

WSU 101: College 101 is an online badge course designed to help high school students prepare for college and begin working on college skills for the classroom including writing, time management and becoming an online learner.

Upon completion of this badge, students will be able to:

1. Explore personal reasons and for wanting to attend college.
2. Practice time management and college-level writing skills.
3. Define and identify types of colleges, college lingo and college resources.
4. Demonstrate how to use WSU’s learning management system, Blackboard.
5. Develop effective online learning skills and a positive digital identity.
**WSU 101: College Level Academic Success** (CRN: 17235)

WSU 101: College-Level Academic Success is an online badge course designed to help high school students prepare for college and begin working on college skills for the classroom including writing, time management, study skills and becoming an online learner. Participation and success in this course depends on the ability to successfully manage time and priorities. All activities and assignments in this class will be completed and submitted online through Blackboard and will consist of reflection papers, written assignments, discussion boards and quizzes. Each student is expected to take responsibility for their own learning, so students will need to contact the instructor if they have a question about the class or an assignment.

Upon completion of this badge, students will be able to

1. Practice time management skills.
2. Understand basic concepts of critical thinking.
3. Work on listening, note taking, reading and test taking skills.
4. Demonstrate how to use WSU’s learning management system, Blackboard.
5. Develop effective online learning skills and a positive digital identity.

**WSU 101: Degree Planning and Career Development** (CRN: 17236)

WSU 101: Degree Planning and Career Development is an online badge course designed to help high school students prepare for college and begin working on college skills for the classroom including writing, degree planning, career research and becoming an online learner. Participation and success in this course depends on the ability to successfully manage time and priorities. All activities and assignments in this class will be completed and submitted online through Blackboard and will consist of reflection papers, written assignments, discussion boards and quizzes. Each student is expected to take responsibility for their own learning, so students will need to contact the instructor if they have a question about the class or an assignment.

Upon completion of this badge, students will be able to

1. Explore the structure of a bachelor’s degree.
2. Research multiple major and related career fields of interest.
3. Know the purpose of and create a resume.
4. Work on improving college-level writing skills.
5. Demonstrate how to use WSU’s learning management system, Blackboard.
6. Develop effective online learning skills and a positive digital identity.

**WSU 101: Financial Wellness** (CRN: 17237)

WSU 101: Financial Wellness: Choosing the Best College You Can Afford is an online badge course designed to help high school students prepare for college and begin working on college skills for the classroom including writing and independent financial wellness skills. Participation and success in this course depends on the ability to successfully manage time and priorities. All activities and assignments
in this class will be completed and submitted online through Blackboard and will consist of reflection papers, written assignments, discussion boards and quizzes. Each student is expected to take responsibility for their own learning, so students will need to contact the instructor if they have a question about the class or an assignment.

Upon completion of this badge, students will be able to:

1. Begin to understand the costs of college.
2. Explore some different ways to pay for college.
3. Build a financial plan for college.
4. Demonstrate how to use WSU’s learning management system, Blackboard.
5. Develop effective online learning skills and a positive digital identity.

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**Ability at Work (CRN: 17204)**

This badge course will provide students with essential information about disability discrimination, workplace design to allow any ability employees to succeed in their jobs, biases and misperceptions associated with disabilities, workplace adjustments for employees on the high and low spectrum of abilities, emerging challenges associated with mental disabilities and disorders. Activities in the course will allow students to experience the challenges for employees with various abilities. Further, students will become aware of best practices in providing opportunities for all employees.

Upon completion of this badge, students will be able to:

1. Define prejudice and stereotyping
2. Recognize the role of prejudice in forming judgement.
3. Recognize the role of prejudice and stereotype in engaging in behaviors.
4. Outline the legal definition of persons with disability and types of disabilities.
5. Differentiate stereotypes from realities about persons with disabilities.
6. Recognize barriers to career success for persons with disabilities.
7. Identify best practices in providing opportunities for all employees regardless of disabilities.

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**Age at Work (CRN: 17205)**

This badge course will provide students with essential information about ageism, age perceptions, differences across generations, challenges for organizations to attract and retain the newer generations talent, systematic adjustment needed for the aging workforce. Activities in the course will allow students to experience the challenges for employees with different generations. Further, students will become aware of best practices in providing opportunities for all employees.

Upon completion of this badge, students will be able to:

1. Recognize stereotypes and myths about older individuals.
2. Describe ageism and its effect of careers of older individuals.
3. Describe the provisions of ADEA and its implications on workplace policies.
4. Describe the characteristics of different generations and recognize the differences.
5. Recognize the challenges and opportunities in a multi-generational workplace.

**Gender at Work (CRN: 17206)**

This badge course will provide students with essential information about gender issues in the workplace. Students will also learn differences between men and women, issues of masculinity and femininity, challenges for women in the workplace, legal and ethical issues related to gender identity, organizational responses to gender issues. Activities in the course will allow students to experience the cultural differences stemming from gender and gender identity.

Upon completion of this badge, students will be able to:

1. Define prejudice and stereotyping
2. Recognize the role of prejudice in forming judgement.
3. Recognize the role of prejudice and stereotype in engaging in behaviors.
4. Recognize stereotypes about men and women.
5. Differentiate stereotypes from realities about men and women.

**Origin at Work (CRN: 17208)**

This badge course will provide students with essential information about focused on race, ethnic origin, and socio-economic status of employees and potential employees; biases and prejudice associated with race, ethnicity, national origin and socio-economic status, the impact of origin on career advances. Further, students will become aware of practices in improving opportunities for all employees.

Upon completion of this badge, students will be able to:

1. Define prejudice and stereotyping
2. Recognize the role of prejudice in forming judgement.
3. Recognize the role of prejudice and stereotype in engaging in behaviors.
4. Identify stereotypes and barriers stemming from national origin or socioeconomic status.
5. Describe cultural characteristics and belief systems of various ethnic groups in US.
6. Recognize barriers to career success associated with national origin or socioeconomic status.
7. Identify practices in minimizing barriers for workplace success for employees regardless of origin.

**Religion at Work (CRN: 17207)**

This badge course will provide students with essential information about core beliefs and traditions of various religions, biases associated with religion, legal and ethical issues, ways religious values and practices can influence functioning in the workplace. Activities in the course will allow students to experience practices and cultures across religions.
Upon completion of this badge, students will be able to:

1. Describe basic tenants of major or broadly practiced religions.
2. Recognize religious practices and restrictions of major religions.
3. Recognize the potential effect of religious practices on employee functioning and management practices.
4. Recognize cultural conflicts stemming from religious beliefs and practices.
5. Identify and discuss characteristics of sub-cultures and practices stemming from religious beliefs.

**Shape at Work (CRN: 17209)**

This badge course will provide students with essential information about biases and misconceptions associated with size and shape of employees, legal and ethical issues, experiences of employees. Activities in the course will allow students to experience the challenges for employees with different sizes, shapes, looks and expressions. Further, students will become aware of practices in improving opportunities for all employees.

Upon completion of this badge, students will be able to:

1. Define prejudice and stereotyping.
2. Recognize the role of prejudice in forming judgement.
3. Recognize the role of prejudice and stereotype in engaging in behaviors.
4. Discuss legal and ethical issues related to employees’ size, shape, look, and expressions.
5. Differentiate stereotypes from realities about persons with various size, shape, and look.
6. Recognize barriers to career success for persons with different size, shape, and look.
7. Identify practices in minimizing barriers for workplace success for employees of different sizes, shapes, look, and expressions.