

## Catalog 26-27 Addendum

5/20/26

### New Certificate

#### MACH.0531.CERT Machining Technology

##### FIRST SEMESTER

|          |                        |       |
|----------|------------------------|-------|
| MACH 100 | Machining Fundamentals | 3     |
| INDT 122 | Print Reading          | 2     |
| INDT 210 | Engineering Design     | 3     |
| TECM 110 | Technical Mathematics  | 3     |
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##### SECOND SEMESTER

|          |                           |       |
|----------|---------------------------|-------|
| INDT 111 | Industrial Safety         | 2     |
| INDT 132 | Introduction to CNC       | 3     |
| MACH 130 | CNC Turning & Milling     | 3     |
| MACH 140 | Introduction to Mastercam | 3     |
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#### MACH.0531.CERT

Minimum required credit hours for certificate: 22

### New Courses

#### EDUC-215 Assessment of Special Education 3-0-3

This course is available Fall, Spring, and Summer.

This course focuses on the role of assessment in education and the use of multiple assessment methods to inform and support ongoing student learning. Students analyze formative and summative assessment practices to identify learner needs, track progress, evaluate growth, and interpret outcomes. Through collaborative, data-informed decision-making, students examine the effectiveness of curriculum and instruction and adapt practices to better support individual learners. The course also explores teaching as a professional practice, emphasizing ethical standards, reflective leadership, and a commitment to enhancing student learning and overall well-being.

#### EDUC-218 Teaching Diverse Learners 3-0-3

This course is available Fall, Spring, and Summer.

This course provides an in-depth examination of effective educational practices for supporting students with disabilities from early childhood through young adulthood (ages 3-21). Emphasis is placed on intentional planning for instruction, the design of inclusive and supportive learning environments, and the use of effective instructional delivery methods that address diverse academic, behavioral, and social-emotional needs. Candidates explore foundational principles of special education, including legal and ethical responsibilities, collaboration with families and multidisciplinary teams, and the role of the educator as a reflective practitioner and instructional leader. Throughout the course, students engage in professional reflection and data-informed decision-making to promote continuous growth, equitable access to learning, and positive outcomes for learners with disabilities across educational settings.

#### EDUC-219 Traits of Learners With Disabilities 3-0-3

This course is available Fall, Spring, and Summer.

This course provides an in-depth exploration of the core principles that shape special education, including its philosophical perspectives, historical development, and legal framework. Students examine how various disabilities influence learning and growth and analyze approaches for meeting the unique

needs of individuals with disabilities. Through purposeful use of written, oral, and visual communication, students work collaboratively to evaluate real-world scenarios, engage in problem-solving, and make informed decisions related to supporting students with exceptional needs.

**MACH-100 Machining Fundamentals 2-2-3**

This course is available in Fall.

This course will introduce students to tools, methods, and equipment commonly used in the precision machining industry. Students will learn machining safety, laying out and scribing parts for machining, and basic machining methods. Students will operate manual machines like a drill press, mill, and lathe.

**MACH-130 CNC Turning and Milling 2-2-3**

This course is available in Spring.

This course will introduce students to manual and computer numerically controlled (CNC) processes commonly used in the precision machining industry. Students will operate manual and CNC milling and turning machines. Students will also learn how to properly calculate cutting speeds and feed rates used in industry based upon various tools and materials.

**MACH-140 Mastercam 2-2-3**

This course is available in Spring.

This course will introduce students to industry-standard CAD/CAM software, such as software developed by Mastercam. Students will generate 2D and 3D part drawings with corresponding tool cutting paths to manufacture completed parts. Students will also learn how to generate simulations using Mastercam software to verify cutting paths prior to machining.

**MUSC-190 Applied Music: Comp. & Songwriting 0.5-1-1**

This course is available Fall and Spring.

These are courses designed for music majors or persons with previous formal training and performance experience. Enrollment requires the consent of the music coordinator. Students are expected to complete 15 half-hour lessons per semester covering the standard repertoire and have performance opportunities available on student recital programs. May be repeated three times for a maximum of four semester hours applicable toward a degree. These lessons focus on the writing and design aspects of music and aim to develop each student's unique creative talents and idiosyncratic compositional language. Students will write music for a variety of instruments and ensembles, including acoustic, electronic, and electro-acoustic mediums, and execute technical skills in harmony, counterpoint, voice-leading, part-writing, and orchestration as necessary. Students will present their work each week to be workshopped and submit a complete portfolio of their work at the end of each semester. Students are expected to either perform and record their works themselves, or coordinate with other musicians to record as much of their music as possible.

**MUSC-191 Applied Music: Comp. and Songwriting I 0-4-2**

This course is available in Fall.

Music majors need to take private music lessons every term of enrollment. Private lessons should incorporate representative solo and study materials and basic knowledge of appropriate literature and should develop performance skills, including public performances. See a music advisor for specific choices and registration requirements. Private Instruction is in a selected area with concurrent enrollment in a major ensemble. A total of fifteen (15) one-hour lessons is expected to be completed over the course of the semester. These lessons focus on the writing and design aspects of music and aim to develop each student's unique creative talents and idiosyncratic compositional language. Students will write music for a variety of instruments and ensembles, including acoustic, electronic, and electro-acoustic mediums, and execute technical skills in harmony, counterpoint, voice-leading, part-writing, and orchestration as necessary. Students will present their work each week to be workshopped

and submit a complete portfolio of their work at the end of each semester. Students are expected to either perform and record their works themselves, or coordinate with other musicians to record as much of their music as possible.

**MUSC-192 Applied Music: Comp & Songwriting II      0-4-2**

This course is available in Spring.

Music majors need to take private music lessons every term of enrollment. Private lessons should incorporate representative solo and study materials and basic knowledge of appropriate literature and should develop performance skills, including public performances. See a music advisor for specific choices and registration requirements. Private Instruction is in a selected area. Prerequisite: Successful completion of MUSC-191 with a grade of B or better, with concurrent enrollment in a major ensemble. A total of fifteen (15) one-hour lessons is expected to be completed over the course of the semester. These lessons focus on the writing and design aspects of music and aim to develop each student's unique creative talents and idiosyncratic compositional language. Students will write music for a variety of instruments and ensembles, including acoustic, electronic, and electro-acoustic mediums, and execute technical skills in harmony, counterpoint, voice-leading, part-writing, and orchestration as necessary. Students will present their work each week to be workshopped and submit a complete portfolio of their work at the end of each semester. Students are expected to either perform and record their works themselves, or coordinate with other musicians to record as much of their music as possible. Prerequisite(s): MUSC 191

**MUSC-291 Applied Music Comp & Songwriting III      0-4-2**

This course is available in Fall.

Music majors need to take private music lessons every term of enrollment. Private lessons should incorporate representative solo and study materials and basic knowledge of appropriate literature and should develop performance skills, including public performances. See a music advisor for specific choices and registration requirements. Private Instruction is in a selected area. A total of fifteen (15) one-hour lessons is expected to be completed over the course of the semester. These lessons focus on the writing and design aspects of music and aim to develop each student's unique creative talents and idiosyncratic compositional language. Students will write music for a variety of instruments and ensembles, including acoustic, electronic, and electro-acoustic mediums, and execute technical skills in harmony, counterpoint, voice-leading, part-writing, and orchestration as necessary. Students will present their work each week to be workshopped and submit a complete portfolio of their work at the end of each semester. Students are expected to either perform and record their works themselves, or coordinate with other musicians to record as much of their music as possible. Prerequisite: Successful completion of MUSC-192 with a grade of B or better, with concurrent enrollment in a major ensemble.

**MUSC-292 Applied Music: Comp & Songwriting IV      0-4-2**

This course is available in Spring.

Music majors need to take private music lessons every term of enrollment. Private lessons should incorporate representative solo and study materials and basic knowledge of appropriate literature and should develop performance skills, including public performances. See a music advisor for specific choices and registration requirements. Private Instruction is in a selected area. A total of fifteen (15) one-hour lessons is expected to be completed over the course of the semester. These lessons focus on the writing and design aspects of music and aim to develop each student's unique creative talents and idiosyncratic compositional language. Students will write music for a variety of instruments and ensembles, including acoustic, electronic, and electro-acoustic mediums, and execute technical skills in harmony, counterpoint, voice-leading, part-writing, and orchestration as necessary. Students will present their work each week to be workshopped and submit a complete portfolio of their work at the end of each semester. Students are expected to either perform and record their works themselves, or

coordinate with other musicians to record as much of their music as possible. Prerequisite: Successful completion of MUSC-291 with a grade of B or better, with concurrent enrollment in a major ensemble.

**3/19/26**

**Prerequisite Change**

**HITC 201 Health Data and Statistics**

A minimum grade of "C" in OFTC 150, OFTC 256, CITA 151, OFTC 151, OFTC 152, OFTC 253, OFTC 260, OFTC 254, HITC 102. A minimum grade of "C" or concurrent enrollment in HITC 103, OFTC 257, OFTC 258, OFTC 285, and placement into MATH 102. Or with approval of instructor or Academic Dean