

# **COMMUNITY COLLEGE OF DENVER**

## **Addendum to the 2019-2020 Online and Printed Catalog**

This addendum is an integral part of the college's 2019-2020 Academic Catalog; the purpose of this document is to amend current information or include additional information. The information published herein is effective for the 2019-2020 school year. If any of these changes impact a student's ability to graduate, please contact the dean for the area in question.

### **Course Additions**

---

#### **DEH 326 Oral Health Promotion**

*Lecture Credit Hours: 3*

This course focuses on the assessment of oral health needs and issues of designated populations, recommends strategies to meet those needs along with advanced concepts involving risk reduction, health literacy strategies, and epidemiology.

*Prerequisites: DEH 301, DEH 302*

#### **DEH 412 Teaching Strategies and Methods for the Dental Hygiene Educator**

*Lecture Credit Hours: 3*

This course focuses on preparation of the dental hygiene instructor/oral health promoter for a successful teaching experience in the classroom, clinic, or community setting. Major themes include applying teaching methodologies, psychomotor learning theories, feedback techniques and motivational strategies to direct learning.

*Prerequisites: completion of DEH 301, DEH 302, DEH 355, and DEH 326 with a "C" or better*

#### **DEH 479 Diversity and Cultural Competence: Relationship to the Delivery of Oral Health**

*Lecture Credit Hours: 3*

This course examines knowledge, beliefs, and behaviors and influence healthcare choices and become barriers to healthcare services by creating cultural competence with a positive effect on patient care delivery and acceptance and treatment.

*Prerequisites: Acceptance into the Dental Hygiene (DEH) Bachelor of Applied Science (BAS) program*

#### **HSE 207 Community Organization**

*Lecture Credit Hours: 3*

Examines the theory and practice of organizing communities, neighborhoods, committees and advisory boards as they relate to the social services delivery system.

*Prerequisites: HSE 107 and HSE 108*

#### **MUS 108 Principles of Acoustics**

*Lecture Credit Hours: 3*

Provides simplified acoustic and psychoacoustic concepts to promote an intuitive understanding of sound, its relation to and interaction with physical environments, and the role of sensory perception in shaping the way humans hear.

*Prerequisites: N/A*

**MUS 163 Music Audio Production I**

*Lecture Credit Hours: 3*

Designed to give music majors and students with a strong interest in music a basic understanding of the Music Production process. This includes the basic knowledge of audio/music production, the fundamentals of sound and microphone, digital and analog technology, recording, and mixing.

*Prerequisites: N/A*

**MUS 164 Music Audio Production II**

*Lecture Credit Hours: 3*

Designed to build on the concepts of MUS 163, this class will be more project oriented with emphasis on using the techniques discussed in MUS 163. An emphasis on critical listening through each phase of the recording process will be made.

*Prerequisites: N/A*

**MUS 231 Music Class I (Class Piano)**

*LLB Credit Hours: 3*

Group instruction in music. Introduces techniques, repertoire, and sight-reading.

*Prerequisites: MUS 132*

**MUS 265 Live Audio Engineering**

*Lecture Credit Hours: 3*

Covers the concepts and technical skills of live sound reinforcement. Topics include basic audio concepts, the operation and interconnection of a sound system, signal processing, and the duties of the sound engineer.

*Prerequisites: N/A*

**Updates and Corrections to Courses**

---

**DEH 104 Dental Radiology**

*Previous Learning type: 3 credit LLB course*

*New Learning type: 3 credit LEL course*

**Program Revisions**

---

**Dental Hygiene (DEH) - Bachelor of Applied Science (BAS)**

DEH 326, DEH 412, and DEH 479 will replacing previous courses DEH 325, DEH 430, DEH 411, DEH 341, DEH 476, and DEH 478. Please see the program chair for more information.

Course Map- One Year Program Plan\*

Eight Week- Summer Session

MAT 135 Introduction to Statistics...3 credits

DEH 347 Dental Hygiene Business Administration... 3 credits

Subtotal: 6 credits

First Eight Weeks: Fall Semester

DEH 301 Advanced Careers in Dental Hygiene ... 3 credits

DEH 302 Applied Dental Hygiene Research Methodologies...3 credits

Subtotal: 6 credits

Second Eight Weeks: Fall Semester

DEH 355 Social and Behavioral Determinants of Oral Health...3 credits

DEH 326 Advanced Concepts in Oral health Promotion and Community Planning...3 credits

Subtotal: 6 credits

First Eight Weeks- Spring Semester

DEH 412 Teaching Strategies and Methods for the Dental Hygiene Educator ...3 credits

DEH 481 Internship I ...2 credits

DEH 479 Diversity and Cultural Research: Relationship to the Delivery of Oral Health...3 credits

Subtotal: 8 credits

Second Eight Weeks- Spring Semester

DEH 482 Internship II...2 credits

DEH 387 Dental Hygiene Leadership and Administration... 3 credits

Subtotal: 5 credits

Total credits: 27 credits

\*The program can be extended to two years using the following recommended program plan.

Year One: Required: DEH 301, DEH 301, DEH 355; Elective: DEH 479 and/or DEH 387

Summer: Required: MAT 135; Elective- DEH 347

Year Two: Required: DEH 326, DEH 412, DEH 481, DEH 482.

### **Human Services - Certificate**

*HSE 207 Community Organization* is added as an alternative course to *HSE 188 Human Services Practicum 1*. This change affects the total credit hours of program.

Previous total credit hours of program: 25 credits

Revised total credit hours of program: 24 credits

### **Course Map**

#### **First Semester**

HSE 106 Survey of Human Services...3 credits

HSE 107 Interviewing Principles...3 credits

HSE 108 Introduction to Therapeutic Systems... 3 credits

Choose One GT Pathways Course...3 credits

ENG 121 English Composition

ART 110 Art Appreciation

MUS 120 Music Appreciation

THE 105 Theatre Appreciation

HUM 121 Humanities: Early Civilization

PHI 111 Intro to Philosophy

Subtotal: 12 credits

#### **Second Semester**

HSE 188 Human Services Practicum I...4 credits

OR

HSE 207 Community Organization...3 credits

Choose one Human Services Course... 3 credits

HSE 105 Introduction to Social Welfare

HSE 205 Human Services for Groups

HSE 206 Human Services for Families

HSE 226 Case Management for Human Services Practitioners  
Choose one Human Services Course... 3 credits  
HSE 105 Introduction to Social Welfare  
HSE 205 Human Services for Groups  
HSE 206 Human Services for Families  
HSE 226 Case Management for Human Services Practitioners  
Choose One GT Pathways Course... 3 credits  
ENG 122 English Composition  
SOC 101 Introduction to Sociology  
ANT 101 Cultural Anthropology  
HIS 101 Western Civilization: Antiquity-1650  
HIS 202 Western Civilization 1650-Present  
Subtotal: 12-13 credits

Total credits: 24-25 credits

### **Human Services Pre-Social Work - Associate of Applied Science (AAS)**

*HSE 207 Community Organization* is added as an alternative course to *HSE 188 Human Services Practicum 1*. This change affects the total credit hours of program.

Previous total credit hours of program: 63 credits

Revised total credit hours of program: 62 credits

#### Course Map

##### First Semester

ENG 121 English Composition... 3 credits  
HSE 105 Introduction to Social Welfare...3 credits  
HSE 106 Survey of Human Services...3 credits  
MAT 135 Intro to Statistics...3 credits  
Choose One Communications Course...3 credits  
COM 115 Public Speaking  
COM 125 Interpersonal Communication  
Subtotal: 15 credits

##### Second Semester

ENG 122 English Composition II...3 credits  
HSE 107 Interviewing Principles...3 credits  
HSE 108 Introduction to Therapeutic Systems...3 credits  
POS 111 American Government... 3 credits  
PSY 101 General Psychology I...3 credits  
Subtotal : 15 credits

##### Third Semester

BIO 105 Science of Biology with Lab...4 credits  
HSE 205 Human Services for Groups...3 credits  
HSE 206 Human Services for Families... 3 credits  
PSY 102 General Psychology II...3  
Choose One Arts & Humanities Course...3 credits  
ART 110 Art Appreciation  
MUS 120 Music Appreciation  
THE 105 Theatre Appreciation  
HUM 121 Humanities: Early Civilization

PHI 111 Intro to Philosophy  
LIT 115 Introduction to Literature I  
Subtotal: 16 credits

Fourth Semester

HSE 207 Community Organization...3 credits  
Choose One Arts & Humanities Course... 3 credits  
ART 111 Art History Ancient to Medieval  
ART 112 Art History Renaissance to Modern  
MUS 121 Music History Medieval thru Classical Period  
HUM 122 Humanities: Medieval-Modern  
HUM 115 World Mythology  
PHI 112 Ethics  
Choose One Natural & Physical Sciences....4 credits  
AST 101 Astronomy I with Lab  
PHY 105 Conceptual Physics with Lab  
ANT 111 Biological Anthropology with Lab  
ENV 101 Environmental Science with Lab  
GEY 111 Physical Geology with Lab  
GEY 112 Historical Geology with Lab  
Choose One Elective...3 credits  
HIS 101 Western Civilization: Antiquity-1650  
HIS 102 Western Civilization: 1650-Present  
Choose One Elective...3 credits  
SOC 101 Introduction to Sociology I  
ANT 101 Cultural Anthropology  
Subtotal : 16 credits

Total Credits: 62 credits

**Integrated Nursing Pathway (INP) - Associate of General Science (AGS)**

*COM 220 Intercultural Communication* has been removed from program elective requirements. This change affects the total credit hours of program.

Previous total credit hours of program: 65 credits

Revised total credit hours of program: 62 credits

Course Map

First Semester

CHE 101 Introduction to Chemistry I with Lab...5 credits  
MAT 121 College Algebra...4 credits  
ENG 121 English Composition...3 credits  
Subtotal: 12 credits

Second Semester

BIO 111 General College Biology I with Lab...5  
MAT 135 Intro to Statistics....3  
SOC 101 Introduction to Sociology I....3  
Subtotal : 11 credits

Third Semester

PSY 101 General Psychology I...3 credits

HWE 100 Human Nutrition...3

Choose One Arts & Humanities Course...3 credits

ART 110 Art Appreciation

ART 111 Art History Ancient to Medieval

MUS 120 Music Appreciation

HUM 115 World Mythology

LIT 115 Introduction to Literature I

HUM 121 Humanities: Early Civilization

Subtotal : 9 credits

Fourth Semester

BIO 201 Human Anatomy & Physiology with Lab I... 4 credits

BIO 204 Microbiology with Lab...4 credits

ENG 122 English Composition II...3 credits

PHI 112 Ethics...3 credits

Subtotal : 14 credits

Fifth Semester

BIO 202 Human Anatomy & Physiology II with Lab...4 credits

ANT 250 Medical Anthropology....3 credits

PSY 235 Human Growth and Development...3 credits

HIS 121 U.S. History to Reconstruction...3 credits

NUR 213 Professional Pathway to Nursing...3 credits

Subtotal: 16 credits

Total Credits: 62 credits

**Revised Catalog Sections**

---

Attached is an updated list of Bachelor & Associate of Applied Science Degrees and Certificates (revised from catalog page 109).

# BACHELOR & ASSOCIATE OF APPLIED SCIENCE DEGREES & CERTIFICATES

## Bachelor of Applied Science Degree

Offered completely online, the Bachelor of Applied Science (B.A.S.) degree in dental hygiene is a degree-completion program. The program is designed to allow registered dental hygienists (RDH) an avenue to advance their dental hygiene education and increase their employment options. The RDH to B.A.S. program will expand career options for individuals currently holding a certificate or associate degree in dental hygiene. The program offers flexibility in scheduling and the ability to continue working while advancing your education and ultimately your career opportunities.

Learn more about the B.A.S. degree.

## Associate of Applied Science Degrees

The Associate of Applied Science (A.A.S.) degrees prepare you for entry-level employment in your chosen career. They have all been approved by the State Board for Community College and Occupational Education and have a minimum of 60 credits. A.A.S. degrees are not specifically designed for transfer but some will transfer or have courses embedded within them that will transfer. It is important that you talk with your academic advisor or faculty mentor to get specific details about transferring the A.A.S.

Note: All science prerequisite courses must have been completed within the previous seven (7) years before the first day of classes in any of the health sciences programs.

Learn more about the A.A.S degree.

## Certificates

CCD offers numerous certificates, which exist to either enhance your current employment skills or provide new ones. Many of the certificates can be applied to an A.A.S. degree when you are ready to continue your education. Some of the certificates require prerequisites and selective entry so it is important that you read the catalog carefully to understand what is required.

Program Name	Degree Type
<b>ACCOUNTING PROGRAM</b>	
- Accounting	Associate of Applied Science
- Accounting - Transfer	Associate of Applied Science
- Bookkeeping/Payroll	Certificate
- Tax Preparation	Certificate
<b>APPLIED TECHNOLOGY PROGRAM</b>	
- Applied Technology	Associate of Applied Science
<b>ARCHITECTURAL TECHNOLOGY PROGRAM</b>	
- Architectural Technologies	Associate of Applied Science
- Architectural Studies	Associate of Applied Science
- Digital Design Media	Associate of Applied Science
- Sustainable Design	Associate of Applied Science
- Contemporary Building Technology	Certificate
- Digital Design Media	Certificate
- Sustainable Design	Certificate
- Revit	Certificate
- Basic Building Crafts	Certificate
- Advanced Building Crafts	Certificate
<b>BUSINESS ADMINISTRATION PROGRAM</b>	
- Management	Associate of Applied Science

- Marketing	Associate of Applied Science
- Customer Service	Certificate
- Entrepreneurship	Certificate
- Retail Management	Certificate
<b>COMPUTER INFORMATION SYSTEMS PROGRAM</b>	
- Computer Information Systems	Associate of Applied Science
- Computer Technology	Certificate
- CyberSecurity	Associate of Applied Science
- Cybersecurity	Certificate
<b>CRIMINAL JUSTICE PROGRAM</b>	
- Criminal Justice	Associate of Applied Science
- Homeland Security	Certificate
<b>DENTAL HYGIENE PROGRAM</b>	
- Dental Hygiene	Associate of Applied Science
- Dental Hygiene	Bachelor of Applied Science
<b>EARLY CHILDHOOD EDUCATION PROGRAM</b>	
- Early Childhood Education	Associate of Applied Science
- Early Childhood Education Director	Certificate
- Early Childhood Education Teacher, Level I	Certificate
- Early Childhood Education Teacher, Level II	Certificate
<b>ENGINEERING GRAPHICS &amp; MECHANICAL DESIGN PROGRAM</b>	
- Computer Aided Drafting & Design/Mechanical Designer	Associate of Applied Science
- Computer Aided Drafting & Design/Mechanical Designer Basic Certificate	Certificate
- Computer Aided Drafting & Design/Mechanical Designer Intermediate Certificate	Certificate
- Inventor	Certificate
- Solidworks	Certificate
- Scanned Input 3D Modeling	Certificate
<b>FABRICATION WELDING PROGRAM</b>	
- Fabrication Welder	Associate of Applied Science
- Basic Welding	Certificate
- Intermediate Welding	Certificate
- ARC Welder	Certificate
- Fabrication Welder	Certificate
- Creative Metalworking	Certificate
<b>FOOD, NUTRITION &amp; WELLNESS PROGRAM</b>	
- Nutrition	Associate of Applied Science
- Food, Nutrition & Wellness	Certificate
- Certified Dietary Manager	Certificate
<b>GRAPHIC DESIGN PROGRAM</b>	
- Graphic Design	Associate of Applied Science
- Graphic Design Transfer	Associate of Applied Science
- Graphic Design	Certificate
<b>HUMAN SERVICES PROGRAM</b>	
- Human Services Transfer Degree	Associate of Applied Science
- Human Services Pre-Social Work Degree	Associate of Applied Science
- Human Services	Certificate
<b>INFORMATION TECHNOLOGY PROGRAM</b>	
- Information Technology	Associate of Applied Science

- Computer Service and Support	Certificate
- Healthcare	Certificate
- Network Security	Certificate
MACHINE TECHNOLOGY PROGRAM	
- CNC Manufacturing	Associate of Applied Science
- Basic Machining	Certificate
- Intermediate Machining	Certificate
- CNC Machine Tool Operator	Certificate
- Industrial Maintenance Technologies	Certificate
- Multi-Axis Lathe	Certificate
- CNC Wire EDM	Certificate
- Five Axis Milling Machine	Certificate
MEDICAL ASSISTING PROGRAM	
- Medical Assisting	Associate of Applied Science
- Medical Assisting	Certificate
- Phlebotomy	Certificate
NURSING PROGRAMS	
- Nurse Aide	Certificate
PARALEGAL PROGRAM	
- Paralegal	Associate of Applied Science
- Paralegal - Transfer	Associate of Applied Science
- General Paralegal	Certificate
RADIOLOGIC TECHNOLOGY PROGRAM	
- Radiologic Technology	Associate of Applied Science
- Computed Tomography	Certificate
- Mammography	Certificate
- Magnetic Resonance	Certificate
SURGICAL TECHNOLOGY PROGRAM	
- Surgical Technology	Associate of Applied Science
VETERINARY TECHNOLOGY PROGRAM	
- Veterinary Technology	Associate of Applied Science
- Veterinary Technology Assistant	Certificate