

# CATALOG

2020 ADDENDUM



# Table of Contents

---

<b>Addendum Purpose and Changes</b> . . . . .	<b>3</b>
Purpose . . . . .	3
Changes . . . . .	3
<b>Distribution Codes</b> . . . . .	<b>5</b>
<b>Degree &amp; Certificate Requirements</b> . . . . .	<b>8</b>
Criminal Justice Associate in Applied Science (AAS) . . . . .	8
Early Childhood Education Associate in Applied Science (AAS) . . . . .	9
Forensic Science Associate in Applied Science (AAS) . . . . .	12
Health Physics Bachelor of Applied Science (BAS) . . . . .	13
Innovation & Design Thinking Associate in Applied Science (AAS) . . . . .	15
Mathematics (Emphasis) Associate in Arts & Sciences (AA/DTA) . . . . .	17
Nuclear Technology Radiation Protection Technician One-Year Certificate . . . . .	19
Occupational Safety & Health Technology Associate in Applied Science (AAS) . . . . .	20
Paramedic One-Year Certificate . . . . .	22
Project Management Associate in Applied Science (AAS) . . . . .	23
Project Management Bachelor of Applied Science (BAS) . . . . .	25
Teacher Education Bachelor of Applied Science (BAS) . . . . .	28
Welding Technology Associate in Applied Science (AAS) . . . . .	30
Welding Technology One-Year Certificate . . . . .	32

# Addendum Purpose and Changes

---

## Purpose

---

This addendum documents and corrects identified errors in the 2020-2021 catalog. The revised information supersedes the previous publication and should be referenced to ensure correct courses and/or credit amounts are taken in pursuit of the degrees and certificates included.

## Changes

---

The following information details all of the changes included in this document.

### Distribution Codes

Reason for update: missing courses. The following courses were added back to the Distribution Codes section.

- CMST 221 under Humanities
- POLS 205 under Social & Behavioral Sciences

### Criminal Justice Associate in Applied Science (AAS)

Reason for update: incorrect credits for CA/CS 100+ and incorrect credits when calculated. The corrected credits are listed below.

- Major Courses Subtotal: 48
- CA/CS 100+: 4-5
- Total Credits Required: 110-113

### Early Childhood Education Associate in Applied Science (AAS)

Reason for update: incorrect footnote. The following statement was removed from the footnote.

- \*The AAS in ECE requires 16-20 25 General Education credits. If intention is to continue and apply for BASTE, students will need 45 General Education credits.

### Forensic Science Associate in Applied Science (AAS)

Reason for update: incorrect credits when calculated. The corrected credits are listed below.

- Major Courses Subtotal: 25
- Major Support Subtotal: 45-50
- Total Credits Required: 103-110

### Health Physics Bachelor of Applied Science (BAS)

Reason for update: incorrect footnote. The corrected footnote is listed below.

- Required minimum 193 credits

### Innovation & Design Thinking Associate in Applied Science (AAS)

Reason for update: missing course. The following course was added back to the General Education section.

- Science Course (Natural Science with lab) for 5 credits

### Mathematics (Emphasis) Associate in Arts & Sciences (AA/DTA)

Reason for update: incorrect distribution requirements and incorrect footnote. The corrections are listed below.

- Move PHYS& 222 from Electives to Mathematical & Natural Sciences
- Move MATH&153 from Mathematical & Natural Sciences to Electives
- Correct footnote statement to say: Required minimum 91 credits

### Nuclear Technology Radiation Protection Technician One-Year Certificate

Reason for update: incorrect credits when calculated. The corrected credits are listed below.

- Major Support Subtotal: 10-11
- Total Credits Required: 53-54

### Occupational Safety & Health Technology Associate in Applied Science (AAS)

Reason for update: incorrect credits for OSH 152. The corrected credits are listed below.

- OSH 152: 5 credits

### Paramedic One-Year Certificate

Reason for update: incorrect credits when calculated. The corrected credits are listed below.

- Total Credits Required: 63

### Project Management Associate in Applied Science (AAS)

Reason for update: incorrect credits for BUS 272 and incorrect footnote. The corrections are listed below.

- Removed BUS 272 from Major Support
- Added 5 credits of any BUS course to Major Support
- Removed footnote statement: Required minimum 45 credits

### Project Management Bachelor of Applied Science (BAS)

Reason for update: incorrect credits for BUS 272 and incorrect footnote. The corrections are listed below.

# Addendum Purpose and Changes

---

- Removed BUS 272 from Major Support
- Added 5 credits of any BUS course to Major Support
- Removed footnote statement: Required minimum 180 credits

## **Teacher Education Bachelor of Applied Science (BAS)**

Reason for update: incorrect credits when calculated. The corrected credits are listed below.

- Major Courses Subtotal: 133-135
- Total Credits Required: 193-195

## **Welding Technology Associate in Applied Science (AAS)**

Reason for update: incorrect credits for MATH 100 resulting in incorrect credits when calculated. The corrected credits are listed below.

- MATH 100: 5 credits
- General Education Subtotal: 16-18
- Total Credits Required: 104-122

## **Welding Technology One-Year Certificate**

Reason for update: incorrect credits for MATH 100 resulting in incorrect credits when calculated. The corrected credits are listed below.

- MATH 100: 5 credits
- General Education Subtotal: 16-18
- Total Credits Required: 56-68

# Distribution Codes

## Communication [C]

CMST& 101 -- Introduction to Communication Studies  
CMST 104 -- Speech Essentials  
CMST 110 -- Communication Behavior  
CMST&210 -- Interpersonal Communication  
CMST&220 -- Public Speaking  
CMST 260 -- Multicultural Communication  
ENGL&101 -- English Composition I  
ENGL&102 -- Composition II  
ENGL&235 -- Technical Writing  
ENGL 315 -- Writing for Health Professionals  
ENGL 410 -- Professional & Organizational Communication

## Humanities [H]

ARAB 121 -- Arabic I  
ARAB 122 -- Arabic II  
ARAB 123 -- Arabic III  
ART& 100 -- Art Appreciation  
ART 116 -- Art History Ancient World  
ART 117 -- Art History Medieval-Baroque  
ART 118 -- Art History Modern Times  
ART 119 -- Art History of Asia  
ART 120 -- Art History of the Americas  
CHIN&121 -- Chinese I  
CHIN&122 -- Chinese II  
CHIN&123 -- Chinese III  
CMST 221 -- Communication Skills for Conflict Resolution  
CMST 246 -- Oral Interpretation  
DRMA&101 -- Intro to Theatre  
DRMA 215 -- Survey of Theatre History  
EFL 101 -- Written English Language I  
EFL 111 -- Written English Language II  
ENGL&111 -- Intro to Literature  
ENGL 140 -- The Cinema  
ENGL 160 -- Women's Literature  
ENGL 180 -- Multicultural Literature  
ENGL 195 -- Bible as Literature  
ENGL 203 -- Mythology  
ENGL 210 -- Intro to Linguistics  
ENGL&220 -- Intro to Shakespeare  
ENGL&236 -- Creative Writing I  
ENGL&237 -- Creative Writing II  
ENGL&244 -- American Literature I  
ENGL&245 -- American Literature II  
ENGL&246 -- American Literature III  
ENGL&254 -- World Literature I  
ENGL&255 -- World Literature II  
ENGL&256 -- World Literature III  
ENGL 257 -- English Grammar  
ENGL 264 -- English Literature  
ENGL 265 -- English Literature  
ENGL 266 -- English Literature  
ENGL 275 -- The Lord of the Rings

ENGL 280 -- Lesbian, Gay, Bisexual, Trans, Queer Studies  
FRCH&121 -- French I  
FRCH&122 -- French II  
FRCH&123 -- French III  
FRCH&221 -- French IV  
FRCH&222 -- French V  
FRCH&223 -- French VI  
FRCH 260 -- French Literature Reading  
FRCH 261 -- French Literature Reading  
FRCH 262 -- French Literature Reading  
HEB 121 -- Hebrew I  
HEB 122 -- Hebrew II  
HEB 123 -- Hebrew III  
HIST&126 -- World Civilizations I  
HIST&127 -- World Civilizations II  
HIST&128 -- World Civilizations III  
ICS 120 -- Survey of Hispanic Culture  
ICS 125 -- Native American Culture  
ICS 130 -- Survey of Asian American Culture  
ICS 135 -- Survey of African American Cultures  
ICS 222 -- Columbia Basin Cultures  
ICS 310 -- American Diversity  
ICS 320 -- Culture and Health  
JAPN&121 -- Japanese I  
JAPN&122 -- Japanese II  
JAPN&123 -- Japanese III  
JAPN&221 -- Japanese IV  
JAPN&222 -- Japanese V  
JAPN&223 -- Japanese VI  
MUSC&105 -- Music Appreciation  
MUSC 116 -- History of Jazz  
PHIL&101 -- Intro to Philosophy  
PHIL 106 -- Introduction to Logic  
PHIL 131 -- World Religions  
PHIL 150 -- Introduction to Ethics  
PHIL 305 -- Professional Ethics  
PHIL 315 -- Professional Ethics in Healthcare  
RUSS&121 -- Russian I  
RUSS&122 -- Russian II  
RUSS&123 -- Russian III  
SPAN 104 -- Intensive 1st Year Spanish  
SPAN 110 -- Beginning Spanish for Professionals  
SPAN 111 -- Intermediate Spanish for Professionals  
SPAN 112 -- Advanced Spanish for Professionals  
SPAN&121 -- Spanish I  
SPAN&122 -- Spanish II  
SPAN&123 -- Spanish III  
SPAN 205 -- Spanish for Spanish Speakers  
SPAN 206 -- Spanish for Spanish Speakers  
SPAN 207 -- Spanish for Spanish Speakers  
SPAN&221 -- Spanish IV  
SPAN&222 -- Spanish V  
SPAN&223 -- Spanish VI

SPAN 260 -- Spanish Literature Readings  
SPAN 261 -- Spanish Literature Readings  
SPAN 262 -- Spanish Literature Readings  
WS 155 -- Women's Cultural Heritage

## Mathematical & Natural Sciences [M/S]

ANTH&205 -- Biological Anthropology  
ANTH 214 -- Biological Anthropology Lab  
ASTR&101 -- Intro to Astronomy w/ Lab  
ASTR 102 -- Intro to Astronomy - Part II w/ Lab  
BIOL&100 -- Survey of Biology w/ Lab  
BIOL 140 -- Fundamentals of Botany w/ Lab  
BIOL 148 -- Plant Identification w/ Lab  
BIOL&160 -- General Biology w/ Lab  
BIOL&175 -- Human Biology w/ Lab  
BIOL 201 -- Soils w/ Lab  
BIOL&211 -- Majors Cellular w/ Lab  
BIOL&212 -- Majors Plant w/ Lab  
BIOL&213 -- Majors Animal w/ Lab  
BIOL&241 -- Human A&P 1 w/ Lab  
BIOL&242 -- Human A&P 2 w/ Lab  
BIOL 252 -- Insects of Economic Importance w/ Lab  
BIOL 253 -- Plant Pathology w/ Lab  
BIOL&260 -- Microbiology w/ Lab  
CHEM&110 -- Chemical Concepts w/ Lab  
CHEM&121 -- Intro to Chemistry w/ Lab  
CHEM&122 -- Intro to Organic Chemistry w/ Lab  
CHEM&123 -- Intro to Biochemistry w/ Lab  
CHEM&131 -- Intro to Organic/Biochemistry w/ Lab  
CHEM&140 -- General Chemistry Prep w/ Lab  
CHEM&161 -- General Chemistry I w/ Lab  
CHEM&162 -- General Chemistry II w/ Lab  
CHEM&163 -- General Chemistry III w/ Lab  
CHEM&241 -- Organic Chemistry I  
CHEM&242 -- Organic Chemistry II  
CHEM&243 -- Organic Chemistry III  
CHEM&251 -- Organic Chemistry I Lab  
CHEM&252 -- Organic Chemistry II Lab  
CHEM&253 -- Organic Chemistry III Lab  
CHEM 254 -- Quantitative Analysis  
CHEM 255 -- Instrumental Analysis  
CHEM 264 -- Quantitative Analysis Lab  
CHEM 265 -- Instrumental Analysis Lab  
CHEM 281 -- Undergraduate Research, Special Topics  
CHEM 282 -- Undergraduate Research, Special Topics  
CHEM 283 -- Undergraduate Research, Special Topics  
CHEM 284 -- Undergraduate Research, Special Topics  
CHEM 285 -- Undergraduate Research, Special Topics

# Distribution Codes

CHEM 286 --- Undergraduate Research, Special Topics

CHEM 291 --- Undergraduate Research, Special Topics

CHEM 292 --- Undergraduate Research, Special Topics

CHEM 293 --- Undergraduate Research, Special Topics

CHEM 294 --- Undergraduate Research, Special Topics

CHEM 295 --- Undergraduate Research, Special Topics

CHEM 296 --- Undergraduate Research, Special Topics

CS 102 --- Programming Fundamentals

CS& 131 --- Computer Science I C++

CS& 141 --- Computer Science I Java w/ Android Devices

CS 162 --- C++2

CS 202 --- Programming Fundamentals 2

CS 236 --- Java I/O w/ Android Devices & Integration

ENVS&101 --- Intro to Environmental Science w/ Lab

ENVS 174 --- Intro to Meteorology and the Atmosphere

ENVS 310 --- Environmental Issues

GEO 101 --- Physical Geography

GEOL&101 --- Intro to Physical Geology w/ Lab

GEOL&103 --- Historical Geology w/ Lab

GEOL&110 --- Environmental Geology w/ Lab

MATH 113 --- Geometry/Trigonometry

MATH& 171 --- Math for Elementary Education I

NUTR&101 --- Nutrition

PHYS 102 --- Physics of Everyday Experience

PHYS&110 --- Physics for Non-Science Majors w/ Lab

PHYS&114 --- General Physics I w/ Lab

PHYS&115 --- General Physics II w/ Lab

PHYS&116 --- General Physics III w/ Lab

PHYS&221 --- Engineering Physics I w/ Lab

PHYS&222 --- Engineering Physics II w/ Lab

PHYS&223 --- Engineering Physics III w/ Lab

## Mathematical & Natural Science OR Quantitative/Symbolic Reasoning [M/S] [Q/SR]

MATH&107 --- Math in Society

MATH&141 --- Precalculus I

MATH&142 --- Precalculus II

MATH&144 --- Precalculus I & II

MATH&146 --- Introduction to Stats

MATH 147 --- Finite Math

MATH&148 --- Business Calculus

MATH&151 --- Calculus I

MATH&152 --- Calculus II

MATH&153 --- Calculus III

MATH&172 --- Math for Elementary Education II

MATH&173 --- Math for Elementary Education III

MATH 243 --- Linear Algebra

MATH 246 --- Discrete Structures

MATH&254 --- Calculus IV

MATH 255 --- Differential Equations

## Health & Physical Education [PE]

HE 110 --- Concepts of Fitness

HE 160 --- Diet, Exercise & Weight Control

HE 161 --- HIV/AIDS Issues and Strategies

HE 162 --- HIV/AIDS Education

HE 170 --- Health and Wellness

HE 171 --- Exercise Prescription

HE 172 --- Exercise Prescription Lab

HE 210 --- Sports Nutrition

HE 215 --- Health and Fitness for Life

HE 216 --- Health and Fitness for Life Lab

HE 220 --- Drugs and Health

HE 232 --- Sports Psychology

HE 240 --- Stress Management

HE 250 --- Sports Management

PE 110 --- Aerobics Step Training I

PE 111 --- Aerobics Step Training II

PE 112 --- Aerobic Dance I

PE 113 --- Aerobic Dance II

PE 114 --- Aerobic Dance III

PE 115 --- Body Mechanics

PE 116 --- Pilates

PE 117 --- Yoga I

PE 118 --- Step Aerobic Interval Training

PE 119 --- Yoga II

PE 120 --- Weight Training I

PE 121 --- Weight Training II

PE 122 --- Weight Training III

PE 127 --- Fitness Center

PE 132 --- Golf I

PE 133 --- Golf II

PE 135 --- Golf Swing Analysis Strategies

PE 140 --- Softball I

PE 141 --- Softball II

PE 142 --- Softball III

PE 145 --- Soccer I

PE 146 --- Soccer II

PE 147 --- Soccer III

PE 148 --- Jogging I

PE 149 --- Jogging II

PE 150 --- Jogging III

PE 160 --- Basketball I

PE 161 --- Basketball II

PE 162 --- Basketball III

PE 163 --- Volleyball I

PE 164 --- Volleyball II

PE 165 --- Volleyball III

PE 180 --- Adaptive PE

PE 181 --- Swimming I

PE 182 --- Adaptive PE Lab

PE 187 --- Baseball I

PE 188 --- Baseball II

PE 189 --- Baseball III

PE 190 --- Cardio Kickboxing I

PE 201 --- Exercise and Weights

## Quantitative/Symbolic Reasoning [Q/SR]

PHIL& 120 --- Symbolic Logic

## Social & Behavioral Sciences [S/B]

ANTH&100 --- Survey on Anthropology

ANTH&204 --- Archaeology

ANTH&206 --- Cultural Anthropology

ANTH&234 --- Religion & Culture

CJ& 101 --- Introduction to Criminal Justice

CMST& 102 --- Intro to Mass Media

ECON 110 --- Economic Trends, Issues and Policy

ECON&201 --- Micro Economics

ECON&202 --- Macro Economics

ECON 291 --- History of American Economic Development

ECON 305 --- Managerial Economics

ECON 315 --- Economics of Healthcare

GEO 150 --- Cultural Geography

HIST 107 --- Chicano History

HIST 10 --- History of Immigration in the U.S.

HIST 110 --- History of Modern East Asia

HIST 111 --- Colonial Latin America

HIST 112 --- Modern Latin America

HIST 113 --- Mexico Since Independence

HIST 115 --- Intro to Middle East History & Society

HIST&146 --- U.S. History I

HIST&147 --- U.S. History II

HIST&148 --- U.S. History III

HIST 233 --- War in History

ICS 220 --- Globalization

ICS 255 --- Race and Ethnic Relations

POLS 104 --- State and Local Government

POLS&201 --- Intro Political Theory

POLS&202 --- American Government

POLS&203 --- International Relations

POLS&204 --- Comparative Government

POLS 205 --- American Political Thought

PSYC&100 --- General Psychology

PSYC&200 --- Lifespan Psychology

PSYC 201 --- Social Psychology

PSYC 209 --- Fundamentals of Psychological Research

PSYC&220 --- Abnormal Psychology

SOC&101 --- Intro to Sociology

SOC 110 --- Gender, Media, & Popular Culture

# Distribution Codes

---

SOC 115 -- Intro to Middle East History & Society

SOC 150 -- Marriage, Family, and Relationships

SOC 160 -- Gender Studies

SOC&201 -- Social Problems

SOC 220 -- Globalization

SOC 221 -- Sociology of Deviance and Crime

SOC 269 -- Sociology of World Cinema

SOC 305 -- Cybercrime: A Sociological Perspective

SSCI 290 -- Social Research Methods

SSCI 291 -- Social Research Methods Lab

# Degree & Certificate Requirements

## Criminal Justice Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
CJ& 101	Introduction to Criminal Justice [S/B]	5		
CJ& 110	Criminal Law	5		
CJ 134	Organization/Administration	5		
CJ 135	Traffic Control	5		
CJ 136	Delinquent Behavior/Youth	5		
CJ 137	Constitutional Law	5		
CJ 222	Alcohol/Drug Pharmacology/Physiology	3		
CJ 232	Criminal Investigation	5		
CJ 234	Criminal Evidence	5		
CJ& 240	Intro to Forensic Science	5		

**Subtotal 48**

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
*MATH 106+	MATH 106 or above	5		
CA/CS 100+	Computer Science course(s)	4-5		
ENGL&101	English Composition I [C]	5		
<b>English - select 5 additional credits from the following:</b>				
ENGL&102	Composition II [C]	5		
ENGL&235	Technical Writing [C]	5		
<b>Communication Studies - select 3-5 credits from the following:</b>				
CMST 104	Speech Essentials [C]	3		
CMST 110	Communication Behavior [C]	3		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>Science - select 10 credits:</b>				
		5		
		5		
<b>Humanities - select 15 credits:</b>				
		5		
		5		
		5		
<b>Social Science - select 15 credits:</b>				
		5		
		5		
		5		

**Subtotal 62-65**

**Total Credits Required 110-113**

\*To be approved by department



# Degree & Certificate Requirements

## Early Childhood Education Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ECED 103	Art	3		
ECED&105	Intro to Early Childhood Education	5		
ECED&107	Health/Safety/Nutrition	5		
EDUC&115	Child Development	5		
ECED&120	Practicum-Nurturing Relationships	2		
ECED 124	Children's Literature	3		
ECED 122	Math & Science	3-5		
EDUC&130	Guiding Behavior	3		
ECED&132	Infants & Toddlers--Nurturing Care	3		
EDUC&150	Child/Family/Community	3		
ECED 151	Supervised Practicum	3		
ECED 152	Supervised Practicum Lab	1		
ECED&160	Curriculum Development	5		
ECED&170	Environments for Young Children	3		
ECED&180	Language & Literacy Development	3		
ECED&190	Observation/Assessment	3		
EDUC&203	Exceptional Child	3		
<b>Subtotal</b>		<b>56-58</b>		

# Degree & Certificate Requirements

## Major Support

A total of 15 credits required in the major support area. A maximum of 6 credits of ECED Special Studies Lab will be accepted. Other electives may include ECED, EDUC, Humanities or Social Science courses (with prior approval).

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ECED&100	Child Care Basics	3		
EDUC 101	Introduction to Education	4		
ECED 110	Preschool Seminar	1-3		
ECED 116	ECED Special Topics Symposium	1-3		
ECED 117	ECED Seminar	1-3		
ECED 118	Skills Training	1-3		
ECED 119	ECED Workshop	1-3		
ECED 127	Music & Movement	3		
ECED&134	Family Child Care Management	3		
EDUC&136	School Age Care	3		
ECED&138	Home Visitor/Family Engagement	3		
ECED&139	Administration of ECE	3		
ECED 141	Child Development Associate	10		
or				
ECED 143-149, 153	Child Development Associate	1-10		
ECED 201	Multicultural Education	3		
ECED 216	Advanced Special Topics	1-3		
ECED 217	Advanced Seminar	1-3		
ECED 218	Advanced Skills Training	1-3		
ECED 219	Advanced Workshop	1-3		
ECED 221	Strategies for Teaching Special Needs	3		
ECED 222	Sign Language Level 1	3		
ECED 223	Sign Language Level 2	3		
ECED 224	Sign Language Level 3	3		
ECED 280	Special Studies Lab	1-3		
ECED 281-288	Special Studies Lab	1-15		
ECED 289	Special Studies	1-15		

Subtotal      15

# Degree & Certificate Requirements

## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>English - select 5 credits from the following:</b>				
ENGL&101	English Composition I [C]	5		
ENGL 103	Writing in the Workplace	5		
<b>Communication Studies - select a minimum of 5 credits from the following:</b>				
CMST&101	Introduction to Communication Studies [C]	5		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>Social Sciences - select 10 credits from the following:</b>				
PSYC&100	General Psychology [S/B]	5		
PSYC 201	Social Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
<b>Mathematics - 5 credits:</b>				
MATH 100+	MATH 100 or above	5		
Note: MATH& 171 recommended for BAS path				

**Subtotal**      **25**  
**Total Credits Required**      **96-98**

**Note:**

It is important to stay in close contact with your ECE advisor. More information can be obtained from the Early Childhood Education office at 542-4640.

# Degree & Certificate Requirements

## Forensic Science Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
CJ& 110	Criminal Law	5		
CJ 137	Constitutional Law	5		
CJ 232	Criminal Investigation	5		
CJ 234	Criminal Evidence	5		
CJ& 240	Intro to Forensic Science	5		
<b>Subtotal</b>		<b>25</b>		

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH&144	Precalculus I & II [M/S] [Q/SR]	5		
or				
MATH&141	Precalculus I [M/S] [Q/SR]	5		
and				
MATH&142	Precalculus II [M/S] [Q/SR]	5		
MATH&151	Calculus I [M/S] [Q/SR]	5		
MATH&152	Calculus II [M/S] [Q/SR]	5		
CHEM&140	General Chemistry Prep w/ Lab [M/S]	5		
CHEM&161	General Chemistry I w/ Lab [M/S]	6		
CHEM&162	General Chemistry II w/ Lab [M/S]	6		
CHEM&163	General Chemistry III w/ Lab [M/S]	6		
CHEM 254	Quantitative Analysis [M/S]	2		
CHEM 255	Instrumental Analysis [M/S]	2		
CHEM 265	Instrumental Analysis Lab [M/S]	3		
<b>Subtotal</b>		<b>45-50</b>		

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENGL&101	English Composition I [C]	5		
ENGL&235	Technical Writing [C]	5		
CS& 131	Computer Science I C++ [M/S]	5		
<b>Humanities, Social Science, Natural Science - select 15 credits, no more than 10 credits from any one department:</b>				
		5		
		5		
		5		
<b>Communication Studies - select 3-5 credits from the following:</b>				
CMST 104	Speech Essentials [C]	3		
CMST 110	Communication Behavior [C]	3		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>Subtotal</b>		<b>33-35</b>		
<b>Total Credits Required</b>		<b>103-110</b>		

# Degree & Certificate Requirements

## Health Physics Bachelor of Applied Science (BAS)

2020-2021 Degree Requirements

BAS degrees require a minimum of 60 credits of 300- and 400-level courses

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ELT 124	Direct Current Circuits	5		
NT 111	Basic Nuclear Math & Physics	5		
NT 121	Reactor Plant Operations	4		
or				
NT 122	Basic Nuclear Facilities	4		
NT 131	Nuclear Facility Components	4		
NT 141	Basic Reactor Safety, Theory, & Operations	5		
or				
NT 142	Basic Nuclear Safety & Environmental Compliance	5		
NT 150	Internship Seminar	1		
NT 152	Internship	5		
or				
NT 154	Industry Project	5		
NT 160	Nuclear Chemistry	3		
NT 170	Mechanical & Fluid Power Transmission	4		
RPT 111	Radiation Fundamentals	5		
RPT 121	Radiation Monitoring	5		
RPT 131	Radiation Effects	5		
RPT 141	Radioactive Materials Handling	5		
RPT 211	Radiological Safety and Response	5		
RPT 222	Radiation Protection	5		
HPHYS300	Radiation Physics I	5		
HPHYS305	Radiation Physics II	5		
HPHYS310	Nuclear Forensics	5		
HPHYS315	Radiological and Nuclear Emergency Response	5		
HPHYS320	Environmental Radioactivity	5		
HPHYS350	Health Physics Seminar I	1		
HPHYS400	External Dosimetry	5		
HPHYS405	Internal Dosimetry	5		
HPHYS410	Radiation Biology	5		
HPHYS415	Radiation Detection and Measurement & Lab	5		
HPHYS420	Medical Health Physics	5		
HPHYS425	Nuclear and Radiological Regulatory Framework	5		
HPHYS450	Health Physics Seminar II	1		
<b>Subtotal</b>		<b>123</b>		

# Degree & Certificate Requirements

## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>English - select 5 credits from the following:</b>				
ENGL&101	English Composition I [C]	5		
ENGL 103	Writing in the Workplace	5		
<b>Communication - select 5 credits from the following:</b>				
CMST&101	Introduction to Communication Studies [C]	5		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>Quantitative/Symbolic Reasoning - 20 credits:</b>				
MATH&141	Precalculus I [M/S] [Q/SR]	5		
MATH&142	Precalculus II [M/S] [Q/SR]	5		
MATH&151	Calculus I [M/S] [Q/SR]	5		
MATH&152	Calculus II [M/S] [Q/SR]	5		
<b>Humanities* -10 credits:</b>				
PHIL 305	Professional Ethics [H]	5		
Choose any course from this distribution		5		
<b>Social &amp; Behavioral Sciences* - select 10 credits from the following:</b>				
PSYC&100	General Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
Choose any course from this distribution		5		
<b>Mathematical &amp; Natural Science* - select 20-21 credits from the following:</b>				
BIOL&175	Human Biology w/ Lab [M/S]	5		
CHEM&140	General Chemistry Prep w/ Lab [M/S]	5		
or				
CHEM&161	General Chemistry I w/ Lab [M/S]	6		
ENVS 310	Environmental Issues [M/S]	5		
PHYS&110	Physics for Non-Science Majors w/ Lab [M/S]	5		
or				
Any PHYS& course higher than 110		5		

**Subtotal**      70-71  
**Total Credits Required**    193-194

### Note:

\*Course selections must meet the distribution requirements for the BAS degree.

- Students must earn a minimum 2.5 grade in all Health Physics (HPHYS) 300- and 400-level courses.
- Required minimum 193 credits.
- Required minimum cumulative GPA 2.0.
- Minimum grade 2.0 for MATH&141 and MATH&142.
- Minimum grade per distribution course 1.0.

# Degree & Certificate Requirements

## Innovation & Design Thinking Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
BUS& 101	Introduction to Business	5		
ACCT&201	Principles of Accounting I	5		
ACCT&202	Principles of Accounting II	5		
BUS& 201	Business Law	5		
ECON&201	Micro Economics [S/B]	5		
ECON&202	Macro Economics [S/B]	5		
Any Computer Science or Computer Applications course 100-level or higher		4-5		
<b>Subtotal</b>		<b>34-35</b>		

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
PROJ 100	Introduction to Project Management	5		
BUS 280	Innovation & Design Thinking 1	5		
BUS 281	Innovation & Design Thinking 2	5		
BUS 282	Innovation Capstone	5		
BUS 265	Marketing Principles	5		
BUS 267	Marketing Special Projects	3		
<b>Additional approved electives - select 7 credits:</b>				
		5		
		2		
<b>Subtotal</b>		<b>35</b>		

# Degree & Certificate Requirements

## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
Science Course (Natural Science with lab)		5		
ENGL&101	English Composition I [C]	5		
<b>English - select 5 additional credits from the following:</b>				
ENGL&102	Composition II [C]	5		
ENGL&235	Technical Writing [C]	5		
<b>Mathematics - select 5 credits from the following:</b>				
MATH 106	Business Mathematics	5		
Any MATH course higher than 106		5		
<b>Psychology or Sociology - select 5 credits from the following:</b>				
PSYC&100	General Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
<b>Communication Studies - select 3-5 credits from the following:</b>				
CMST 104	Speech Essentials [C]	3		
CMST 110	Communication Behavior [C]	3		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		

**Subtotal**      **28-30**  
**Total Credits Required**      **97-100**



# Degree & Certificate Requirements

## Mathematics (Emphasis) Associate in Arts & Sciences (AA/DTA)

TRANSFER

Option C

2020-2021 Degree Requirements

### Communication\*

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENGL&101	English Composition I [C]	5		
ENGL&		5		
CMST		3		
<b>Subtotal</b>		<b>13</b>		

### Quantitative/Symbolic Reasoning\*

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH&151	Calculus I [M/S] [Q/SR]	5		
<b>Subtotal</b>		<b>5</b>		

### Humanities\*

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
		5		
		5		
		5		
<b>Subtotal</b>		<b>15</b>		

### Social & Behavioral Sciences\*

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
		5		
		5		
		5		
<b>Subtotal</b>		<b>15</b>		

### Mathematical & Natural Science\*

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH&152	Calculus II [M/S] [Q/SR]	5		
PHYS&221	Engineering Physics I w/ Lab [M/S]	5		
PHYS&222	Engineering Physics II w/ Lab [M/S]	5		
<b>Subtotal</b>		<b>15</b>		

### Health & Physical Education\*

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
		3		
<b>Subtotal</b>		<b>3</b>		

# Degree & Certificate Requirements

## Electives\*

**A minimum cumulative 2.0 GPA is required for a Mathematics emphasis. Additional electives require departmental approval.**

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH&153	Calculus III [M/S] [Q/SR]	5		
MATH&254	Calculus IV [M/S] [Q/SR]	5		
MATH 243	Linear Algebra [M/S] [Q/SR]	5		
MATH 255	Differential Equations [M/S] [Q/SR]	5		
Additional elective with departmental approval		5		

**Subtotal**      **25**  
**Total Credits Required**      **91**

## Note:

\*Course selections must meet the distribution requirements for the AA degree.

- Required minimum 91 credits.
- Required minimum cumulative GPA 2.0.
- Minimum grade per course 1.0.
- At least one-third of the college-level, degree applicable credits must be taken at CBC.
- Depending on your major, some course choices may be more appropriate than others. Consult with your counselor, completion coach or faculty advisor.
- Maximum three credits of PE may be applied.

# Degree & Certificate Requirements

## Nuclear Technology Radiation Protection Technician One-Year Certificate PROFESSIONAL TECHNICAL 2020-2021 Certificate Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ELT 124	Direct Current Circuits	5		
NT 111	Basic Nuclear Math & Physics	5		
NT 121	Reactor Plant Operations	4		
or				
NT 122	Basic Nuclear Facilities	4		
NT 131	Nuclear Facility Components	4		
NT 141	Basic Reactor Safety, Theory, & Operations	5		
or				
NT 142	Basic Nuclear Safety & Environmental Compliance	5		
RPT 111	Radiation Fundamentals	5		
<b>Subtotal</b>		<b>28</b>		

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>Biology or Chemistry - select 5-6 credits from the following:</b>				
BIOL&175	Human Biology w/ Lab [M/S]	5		
CHEM&140	General Chemistry Prep w/ Lab [M/S]	5		
CHEM&161	General Chemistry I w/ Lab [M/S]	6		
<b>Physics - select 5 credits from the following:</b>				
PHYS&110	Physics for Non-Science Majors w/ Lab [M/S]	5		
Any PHYS& course higher than 110		5		
<b>Subtotal</b>		<b>10-11</b>		

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>Communication Studies - select 5 credits from the following:</b>				
CMST&101	Introduction to Communication Studies [C]	5		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>English - select 5 credits from the following:</b>				
ENGL&101	English Composition I [C]	5		
ENGL 103	Writing in the Workplace	5		
<b>Mathematics - 5 credits:</b>				
MATH&141	Precalculus I [M/S] [Q/SR]	5		
<b>Subtotal</b>		<b>15</b>		
<b>Total Credits Required</b>		<b>53-54</b>		

# Degree & Certificate Requirements

## Occupational Safety & Health Technology Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
NT 111	Basic Nuclear Math & Physics	5		
OSH 101	Fundamentals of Occupational Safety & Health	5		
OSH 124	Industrial and Construction Safety Regulations	5		
OSH 147	Ethics, Documentation, and Records	4		
OSH 151	Accident Prevention, Inspection & Investigations	5		
OSH 152	Internship	5		
OSH 153	Risk Management	5		
OSH 177	Industrial Chemical Safety & Hazards	5		
OSH 231	Biological Hazards	5		
OSH 233	Fire Protection Systems	2		
OSH 235	Physical Hazards	5		
OSH 274	Safety Program Management	5		
OSH 280	Industrial Instrumentation and Equipment	5		
<b>Subtotal</b>		<b>61</b>		

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>Science - 10 credits:</b>				
BIOL&175	Human Biology w/ Lab [M/S]	5		
CHEM&140	General Chemistry Prep w/ Lab [M/S]	5		
<b>Mathematics - select 5 credits from the following:</b>				
MATH&141	Precalculus I [M/S] [Q/SR]	5		
MATH&146	Introduction to Stats [M/S] [Q/SR]	5		
<b>OSH - select 4-5 credits from the following:</b>				
OSH 230	Industrial Toxicology	5		
OSH 271	Fundamentals of Industrial Hygiene	4		
OSH 272	Ergonomics	4		
OSH 277	Environmental Management	5		
<b>Subtotal</b>		<b>19-20</b>		

# Degree & Certificate Requirements

## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>Communication Studies - select 5 credits from the following:</b>				
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>English - 10 credits:</b>				
ENGL&101	English Composition I [C]	5		
ENGL&235	Technical Writing [C]	5		
<b>Social &amp; Behavioral Sciences - select 5 credits from the following:</b>				
PSYC&100	General Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		

**Subtotal**      20  
**Total Credits Required**    100-101

# Degree & Certificate Requirements

## Paramedic One-Year Certificate PROFESSIONAL TECHNICAL 2020-2021 Certificate Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
PMD 201	Paramedic I	6		
PMD 210	Paramedic I Lab	2		
PMD 202	Paramedic II	6		
PMD 220	Paramedic II Lab	3		
PMD 203	Paramedic III	6		
PMD 230	Paramedic III Lab	3		
PMD 204	Paramedic IV	6		
PMD 240	Paramedic IV Lab	3		
PMD 205	Paramedic V	6		
PMD 250	Paramedic V Lab	3		
PMD 206	Paramedic VI	6		
PMD 260	Paramedic VI Lab	3		

**Subtotal      53**

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
EMT 101	Emergency Medical Technician-Basic	10		

**Subtotal      10**

**Total Credits Required      63**

# Degree & Certificate Requirements

## Project Management Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
PROJ 100	Introduction to Project Management	5		
PROJ 110	Project Planning	5		
PROJ 120	Project Execution & Control	5		
PROJ 130	Introduction to Microsoft Project	5		
or				
PROJ 140	Introduction to Primavera	5		
PROJ 211	Project Procurement	3		
PROJ 222	Project Quality Management	3		
PROJ 231	Project Risk Management	5		
PROJ 241	Project Management Capstone	5		

**Subtotal      36**

### Major Support

**See project management advisor for approved courses**

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
BUS& 101	Introduction to Business	5		
BUS& 201	Business Law	5		
CMST 221	Communication Skills for Conflict Resolution [H]	5		
CMST 240	Leadership Development	5		
BUS 271	Human Relations Business	5		
BUS		5		
ICS 220	Globalization [S/B]	5		

**Subtotal      35**

# Degree & Certificate Requirements

## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENGL&101	English Composition I [C]	5		
<b>Mathematics - select 5 credits from the following:</b>				
MATH&107	Math in Society [M/S] [Q/SR]	5		
MATH&141	Precalculus I [M/S] [Q/SR]	5		
MATH&142	Precalculus II [M/S] [Q/SR]	5		
MATH&144	Precalculus I & II [M/S] [Q/SR]	5		
MATH&146	Introduction to Stats [M/S] [Q/SR]	5		
MATH 147	Finite Math [M/S] [Q/SR]	5		
MATH&148	Business Calculus [M/S] [Q/SR]	5		
MATH&151	Calculus I [M/S] [Q/SR]	5		
MATH&152	Calculus II [M/S] [Q/SR]	5		
MATH&153	Calculus III [M/S] [Q/SR]	5		
<b>Psychology or Sociology - select 5 credits from the following:</b>				
PSYC&100	General Psychology [S/B]	5		
PSYC 201	Social Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
<b>Communication Studies - select 5 credits from the following:</b>				
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		

**Subtotal**      **20**  
**Total Credits Required**      **91**

### Note:

- Students must receive minimum 2.0 grade in all Project Management courses.
- Required minimum cumulative GPA 2.0.
- Minimum grade per distribution course 1.0.
- At least one-third of the college-level, degree applicable credits must be taken at CBC.



# Degree & Certificate Requirements

## Project Management Bachelor of Applied Science (BAS)

2020-2021 Degree Requirements

BAS degrees require a minimum of 60 credits of 300- and 400-level courses

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>Communication - 10 credits:</b>				
ENGL&101	English Composition I [C]	5		
ENGL 410	Professional & Organizational Communication [C]	5		
<b>Quantitative/Symbolic Reasoning - select 5 credits from the following:</b>				
MATH&107	Math in Society [M/S] [Q/SR]	5		
MATH&141	Precalculus I [M/S] [Q/SR]	5		
MATH&142	Precalculus II [M/S] [Q/SR]	5		
MATH&144	Precalculus I & II [M/S] [Q/SR]	5		
MATH&146	Introduction to Stats [M/S] [Q/SR]	5		
MATH 147	Finite Math [M/S] [Q/SR]	5		
MATH&148	Business Calculus [M/S] [Q/SR]	5		
MATH&151	Calculus I [M/S] [Q/SR]	5		
MATH&152	Calculus II [M/S] [Q/SR]	5		
MATH&153	Calculus III [M/S] [Q/SR]	5		
<b>Humanities - 10 credits:</b>				
ICS 310	American Diversity [H]	5		
PHIL 305	Professional Ethics [H]	5		
<b>Social &amp; Behavioral Sciences - 5 credits:</b>				
ECON 305	Managerial Economics [S/B]	5		
<b>Social &amp; Behavioral Sciences - select 5 additional credits from the following:</b>				
PSYC&100	General Psychology [S/B]	5		
PSYC 201	Social Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
<b>Mathematical &amp; Natural Science* - select 10 credits from the following:</b>				
ENVS 310	Environmental Issues [M/S]	5		
Natural Science w/ Lab		5		
<b>Additional Electives from the above distribution lists* - select 15 credits:</b>				
Program advisor approved Communication, Quantitative/Symbolic Reasoning, Social & Behavioral Sciences, Humanities or Mathematical & Natural Science courses				
		5		
		5		
		5		
<b>Subtotal</b>		<b>60</b>		

# Degree & Certificate Requirements

## Major Support\*\*

See program advisor for additional information

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
PROJ 100	Introduction to Project Management	5		
PROJ 110	Project Planning	5		
PROJ 120	Project Execution & Control	5		
PROJ 130	Introduction to Microsoft Project	5		
or				
PROJ 140	Introduction to Primavera	5		
PROJ 211	Project Procurement	3		
PROJ 222	Project Quality Management	3		
PROJ 231	Project Risk Management	5		
BUS& 101	Introduction to Business	5		
BUS& 201	Business Law	5		
BUS 271	Human Relations Business	5		
BUS		5		
ICS 220	Globalization [S/B]	5		
CMST 221	Communication Skills for Conflict Resolution [H]	5		
CMST 240	Leadership Development	5		

**Subtotal      66**

Available concentrations: General or Construction

Choose one concentration from below:

## General

See program advisor for additional information

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
PROJ 310	Project Contracts & Legal Issues	5		
PROJ 320	Project Monitoring, Control, & Earned Value	5		
PROJ 330	Project HR Management & Communication Skills	5		
PROJ 411	Advanced Microsoft Project	5		
or				
PROJ 421	Advanced Primavera	5		
PROJ 480	Advanced Project Management Capstone	5		
AMGT 310	Operations Management	5		

**General Electives - select 25 credits from the following:**

CMST 415	Applied Professional Communication	5		
AMGT 300	Management & Organization Theory	5		
AMGT 320	Leadership & Organization Behavior	5		
AMGT 360	Business Planning and Strategy	5		
AMGT 417	BAS Special Topics	1-5		
AMGT 420	Human Resource Management	5		
AMGT 430	Fundamentals of Financial Management	5		

**Subtotal      55**  
**Total Credits Required      181**

# Degree & Certificate Requirements

## Construction

See program advisor for additional information

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
PROJ 310	Project Contracts & Legal Issues	5		
PROJ 320	Project Monitoring, Control, & Earned Value	5		
PROJ 330	Project HR Management & Communication Skills	5		
PROJ 411	Advanced Microsoft Project	5		
or				
PROJ 421	Advanced Primavera	5		
PROJ 480	Advanced Project Management Capstone	5		
AMGT 310	Operations Management	5		
ENT 111	Introduction to Engineering	5		
ENT 114	Introduction to Drafting	4		
ENT 122	Materials	3		
ENT 128	Architecture & Engineering Blueprint Reading	2		
or				
BPR 110	Basic Blueprints and Drawings	3		
ENT 134	Surveying w/ Lab	6		
ENT 219	Construction Estimating	1		
CMST 415	Applied Professional Communication	5		
or				
AMGT 320	Leadership & Organization Behavior	5		

Subtotal      56-57  
**Total Credits Required    182-183**

### Note:

\*Course selections must meet the distribution requirements for the BAS degree.

\*\*Course credits used for major support should be discussed with your completion coach or academic advisor.

- Students must earn a minimum 2.0 grade in all Project Management courses.
- Required minimum cumulative GPA 2.0.
- Minimum grade per distribution course 1.0.

# Degree & Certificate Requirements

## Teacher Education Bachelor of Applied Science (BAS)

2020-2021 Degree Requirements

BAS degrees require a minimum of 60 credits of 300- and 400-level courses

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ECED 103	Art	3		
ECED&105	Intro to Early Childhood Education	5		
ECED&107	Health/Safety/Nutrition	5		
EDUC&115	Child Development	5		
ECED&120	Practicum-Nurturing Relationships	2		
ECED 124	Children's Literature	3		
ECED 122	Math & Science	3-5		
EDUC&130	Guiding Behavior	3		
ECED&132	Infants & Toddlers--Nurturing Care	3		
EDUC&150	Child/Family/Community	3		
ECED 151	Supervised Practicum	3		
ECED 152	Supervised Practicum Lab	1		
ECED&160	Curriculum Development	5		
ECED&170	Environments for Young Children	3		
ECED&180	Language & Literacy Development	3		
ECED&190	Observation/Assessment	3		
EDUC&203	Exceptional Child	3		
ECED 300	Social Studies for Teachers	5		
ECED 301	Inquiry Based Science for Teachers	3		
ECED 307	Health and Physical Education Learning Standards	2		
ECED 325	Advanced Math Methods	3		
ECED 340	Assessment and Evaluation	5		
ECED 365	Observations, Documentation, and Monitoring	3		
ECED 370	Adaptations, Modifications, and Planning	5		
ECED 385	Advanced Language and Literacy Methods	3		
ECED 395	Equity and Social Justice	3		
ECED 479	Fall Student Teaching	15		
ECED 489	Winter Student Teaching	15		
ECED 499	Spring Student Teaching	15		

Subtotal 133-135

### Major Support

A total of 15 credits required in the major support area. A maximum of 6 credits of ECED Special Studies Lab will be accepted. Other electives may include ECED, EDUC, Humanities or Social Science courses (with prior approval).

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
		5		
		5		
		5		

Subtotal 15

# Degree & Certificate Requirements

## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>English - 10 credits:</b>				
ENGL&101	English Composition I [C]	5		
ENGL&102	Composition II [C]	5		
<b>Communication Studies - select 5 credits from the following:</b>				
CMST&101	Introduction to Communication Studies [C]	5		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>Social Sciences - select 10 credits from the following:</b>				
PSYC&100	General Psychology [S/B]	5		
PSYC 201	Social Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
<b>Social Sciences - 10 additional credits:</b>				
ICS 310	American Diversity [H]	5		
PHIL 305	Professional Ethics [H]	5		
<b>Mathematics - 10 credits:</b>				
MATH&171	Math for Elementary Education I [M/S]	5		
MATH&172	Math for Elementary Education II [M/S] [Q/SR]	5		

**Subtotal**                      **45**  
**Total Credits Required**    **193-195**

# Degree & Certificate Requirements

## Welding Technology Associate in Applied Science (AAS)

### PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

#### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
WT 101	Oxy-Acetylene Process	1		
WT 111	Oxy-Acetylene Process Lab	3		
WT 112	Introduction to Shield Metal Arc Welding	9-10		
WT 103	Fundamentals Major Processes & their Consumables	5		
WT 113	Advanced Shield Metal Arc Welding	9-10		
WT 140	Shield Metal Arc Certification Preparation	1-5		
WT 141	Shield Metal Arc Welding Certification	1-5		
WT 107	Fabrication Principles Review	4		
WT 108	Fabrication Technique I	1		
WT 181	Fabrication Techniques I Lab	3		
WT 201	Weldability of Metals	5		
WT 211	Introduction to Pipe Welding	9-10		
WT 202	Welding Inspection	5		
WT 222	Gas Tungsten Arc Welding (TIG)	9-10		
WT 231	Pipe Welding Certification	9-10		
WT 208	Fabrication Technique II	1		
WT 281	Fabrication Technique II Lab	3		
INT 105	Precision Measurement	1		
BPR 106	Blueprint Reading I (WT)	3		
BPR 206	Blueprint Reading II (WT)	3		
DRW 106	Mechanical Drawing for Vocational Application	3		

**Subtotal 88-101**

#### Major Support

**Select 0-3 credits from the following:**

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
WT 195	Supervised Employment	1-3		

**Subtotal 0-3**

# Degree & Certificate Requirements

## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH 100	Algebraic Tools for Vocational Application	5		
<b>English - select 5 credits from the following:</b>				
ENGL&101	English Composition I [C]	5		
ENGL 103	Writing in the Workplace	5		
<b>Human Relations - select 3-5 credits from the following:</b>				
PSYC 103	Applied Psychology	3		
PSYC&100	General Psychology [S/B]	5		
BUS 271	Human Relations Business	5		
<b>Communication Studies - select 3 credits from the following:</b>				
CMST 103	Workplace Communication	3		
CMST 110	Communication Behavior [C]	3		

**Subtotal**      **16-18**  
**Total Credits Required**      **104-122**

**Note:**

WT 103, 112, 113, 141, 201, 202, 211, 222 and 231 are variable credit courses. Variable credit courses taken of the same class in the evening must be done within four consecutive quarters.

# Degree & Certificate Requirements

## Welding Technology One-Year Certificate PROFESSIONAL TECHNICAL 2020-2021 Certificate Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
WT 101	Oxy-Acetylene Process	1		
WT 111	Oxy-Acetylene Process Lab	3		
WT 112	Introduction to Shield Metal Arc Welding	9-10		
WT 103	Fundamentals Major Processes & their Consumables	5		
WT 113	Advanced Shield Metal Arc Welding	9-10		
WT 140	Shield Metal Arc Certification Preparation	1-5		
WT 141	Shield Metal Arc Welding Certification	1-5		
WT 108	Fabrication Technique I	1		
WT 181	Fabrication Techniques I Lab	3		

**Subtotal 33-43**

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
BPR 106	Blueprint Reading I (WT)	3		
DRW 106	Mechanical Drawing for Vocational Application	3		
INT 105	Precision Measurement	1		

**Subtotal 7**

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH 100	Algebraic Tools for Vocational Application	5		
<b>English - select 5 credits from the following:</b>				
ENGL&101	English Composition I [C]	5		
ENGL 103	Writing in the Workplace	5		
<b>Human Relations - select 3-5 credits from the following:</b>				
PSYC 103	Applied Psychology	3		
PSYC&100	General Psychology [S/B]	5		
BUS 271	Human Relations Business	5		
<b>Communication Studies - select 3 credits from the following:</b>				
CMST 103	Workplace Communication	3		
CMST 110	Communication Behavior [C]	3		

**Subtotal 16-18**

**Total Credits Required 56-68**

### Note:

WT 103, 112, 113 and 141 are variable credit courses. Variable credit courses taken of the same class in the evening must be done within four consecutive quarters.