

2025-2026 PATHWAYS



college.now@witcc.edu

ADMINISTRATIVE OFFICE SUPPORT – BUSINESS

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

ADM 162-01 – Office Procedures	(3 credits)	24 Student Cap
ADM 154-01 – Business Communication	(3 credits)	24 Student Cap
BUS 102-01 – Introduction to Business	(3 credits)	24 Student Cap
*ADM 105-801 – Introduction to Keyboarding (Online)	(1 Credit)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*ADM 123-01 – Document Formatting	(3 credits)	24 Student Cap
ADM 159-01 – Proofreading and Editing	(3 credits)	24 Student Cap
CSC 116-01 – Information Computing	(3 credits)	24 Student Cap

****Has a Pre-requisite or comment: See back page for details.***

This pathway leads directly into the Administrative Office Support Diploma and the Administrative Office Management AAS.

ADMINISTRATIVE OFFICE SUPPORT – MEDICAL

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

BIO 163-01 – Essentials of Anatomy and Physiology	(4 credits)	24 Student Cap
HSC 114-04 – Medical Terminology	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

CSC 116 -01 – Information Computing	(3 credits)	24 Student Cap
*HIT 301-01 – Electronic Health Records	(3 credits)	24 Student Cap
MAP 123-01 – Administrative Medical Office Procedures	(3 credits)	24 Student Cap

YEAR 2

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*HSC 218-01 – Clinical Pathology for Allied Health	(3 credits)	24 Student Cap
HIT 248-02 – Essentials of Medical Coding	(2 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*HIT 244-02 – Basic CPT Coding	(3 credits)	24 Student Cap
*HIT 285-02 – Auditing of Evaluation & Management Codes	(2 credits)	24 Student Cap
HSC 143-01 – Pharmacology	(3 credits)	24 Student Cap

****Has a Pre-requisite or comment: See back page for details.***

AGRICULTURE

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

AGC 216-01 – Career Seminar	(2 credits)	18 Student Cap
AGS 270-01 – Foods of Animal Origin	(3 credits)	18 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

AGS 113-01– Survey of the Animal Industry	(3 credits)	18 Student Cap
AGA 114-01 – Principles of Agronomy	(3 credits)	18 Student Cap

AUTO TECHNOLOGY

Sioux City Campus

YEAR 1

FALL– 7:30AM – 8:36AM (MONDAY – THURSDAY)

AUT 104-LF11 – Intro to Automotive Technology	(3 Credits)	12 Student Cap
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SPRING– 7:35AM – 8:55AM (MONDAY – FRIDAY)

*AUT 615-LS11 – Auto Electricity & Electronics	(4 Credits)	12 Student Cap
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YEAR 2

FALL– 2:00PM – 3:15PM (MONDAY – FRIDAY)

*AUT 163-LF11 – Auto Engine Repair	(3 Credits)	12 Student Cap
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SPRING – 2:00PM – 3:33PM (MONDAY – FRIDAY)

*AUT 633-LS11 – Auto Electrical Systems	(4 Credits)	12 Student Cap
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****Has a Pre-requisite or comment: See back page for details.***

BUSINESS

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

ADM 162-01 – Office Procedures	(3 credits)	24 Student Cap
ADM 154 -01– Business Communication	(3 credits)	24 Student Cap
BUS 102-01 – Introduction to Business	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

MGT 101-01 – Principles of Management	(3 credits)	24 Student Cap
MKT 110-01 – Principles of Marketing	(3 credits)	24 Student Cap
CSC 116-01 – Information Computing	(3 credits)	24 Student Cap

This pathway leads directly into the Business Management AAS, the Human Resources diploma, and the Human Resources Management AAS.

Business Management | AAS - <https://www.witcc.edu/programs/39/>

Human Resource | Diploma - <https://www.witcc.edu/programs/128/>

Human Resources Management | AAS - <https://www.witcc.edu/programs/38/>

COMMUNICATION

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

SPC 112 – Public Speaking	(3 credits)	24 Student Cap
ENG 105 – Composition I	(3 credits)	24 Student Cap
HUM 101 – Introduction to Humanities	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*LIT 133 – Minority Voices Literature	(3 credits)	24 Student Cap
*LIT 101 – Introduction to Literature	(3 credits)	24 Student Cap
*ENG 106 – Composition II	(3 credits)	24 Student Cap

YEAR 2

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

SPC 122 – Interpersonal Communication	(3 credits)	24 Student Cap
*ENG 221 – Creative Writing	(3 credits)	24 Student Cap
MMS 101 – Mass Media	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

HUM 220 – Mythology	(3 credits)	24 Student Cap
SPC 120 – Intercultural Communication	(3 credits)	24 Student Cap
SPC 170 – Professional Communication	(3 credits)	24 Student Cap

***Has a Pre-requisite or comment: See back page for details.**

These credits lead toward WITCC's Communications Transfer Major.

Communication | AA - <https://www.witcc.edu/programs/294/>

CULINARY

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

HCM 100-01 – Sanitation and Safety	(2 Credits)	20 Student Cap
*HCM 188-701 – Knife Skills	(2 Credits)	20 Student Cap
*HCM 270-710 – Garde Manger	(2 Credits)	20 Student Cap
*HCM 252-701 – Stocks and Sauces	(2 Credits)	20 Student Cap
HCM 412-01 -Culinary and Hospitality Seminar	(2 Credits)	20 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

HCM 262-701 – Financial Mgt, Purchasing and Cost Control	(3 Credits)	20 Student Cap
HCM 231-01 – Nutrition	(2 Credits)	20 Student Cap

Optional Courses:

HCM 287-601 Ingredient Identification (Fall Online)	(2 Credits)	
HCM 116-02-Fundamentals of Baking (Spring-Monday 8:30-12:10)	(3 Credits)	20 Student Cap
HCM 306-02- Basic Cooking Methods (Spring-Monday 1:00-2:40)	(3 Credits)	20 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

These credits can lead to WITCC's Food Preparation Certificate, Food Service Diploma and/or Culinary Arts AAS
Food Preparation Certificate – <https://www.witcc.edu/programs/245/>
Food Service Diploma – <https://www.witcc.edu/programs/244/>
Culinary Arts | AAS - <https://www.witcc.edu/programs/243/>

CYBER SECURITY/DIGITAL CRIME

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

NET 121-01 – Fundamentals of Computers & Networks	(3 credits)	18 Student Cap
NET 612-01 – Fundamentals of Network Security	(3 credits)	18 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*NET 197-01 – Intermediate Networking	(3 credits)	18 Student Cap
*NET 425-01 – Network & System Defense	(3 credits)	18 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

YEAR 2

Online and On Campus coursework available for a second year. Students interested please contact the College Now department.

This leads into WITCC's Cyber Security and Digital Crime, AAS.

Cyber Security and Digital Crime | AAS - <https://www.witcc.edu/programs/5/>

EARLY CHILDHOOD EDUCATION

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*ECE 103-01 – Introduction to Early Childhood Education	(3 Credits)	24 Student Cap
ECE 170-01 – Child Growth and Development	(3 Credits)	24 Student Cap
EDU 220-01 – Human Relations for Classroom Teachers	(3 Credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

ECE 243-01 – Early Childhood Guidance	(3 Credits)	24 Student Cap
ECE 133-01 – Child Health, Safety & Nutrition	(3 Credits)	24 Student Cap
LIT 105-01 – Children’s Literature	(3 Credits)	24 Student Cap

****Has a Pre-requisite or comment: See back page for details.***

Pathway leads directly to Child Development certificates, Early Childhood Studies diploma, Early Childhood Education AAS and Early Childhood Education Teacher Licensure AA.

Child Development Certificate | Infant/Toddler - <https://www.witcc.edu/programs/82/>

Child Development Certificate | Preschool - <https://www.witcc.edu/programs/250/>

Early Childhood Studies | Diploma - <https://www.witcc.edu/programs/120/>

Early Childhood Education | AAS - <https://www.witcc.edu/programs/27/>

Early Childhood Education Teacher Licensure | AA - <https://www.witcc.edu/programs/235/>

EDUCATION: TRANSFER

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

EDU 210-701 – Foundations of Education	(3 Credits)	24 Student Cap
EDU 240-01 – Educational Psychology	(3 Credits)	24 Student Cap
EDU 245-01 – Exceptional Learner	(3 Credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

EDU 218-701 – Initial Fields Experience	(2 Credits)	24 Student Cap
LIT 105-01 – Children’s Literature	(3 Credits)	24 Student Cap
SOC 108-02 – Fundamentals of Diversity	(3 Credits)	24 Student Cap

For transfer information, please visit the WITCC Transfer Hub: <https://www.witcc.edu/transfer/>

ELECTROMECHANICAL TECHNICIAN

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

✗ ELE 101-04 – Industrial Safety	(1 credits)	18 Student Cap
ELE 112-02 – Basic Electrical Theory	(3 credits)	18 Student Cap
*ELE 195-01 – Motor Controls	(3 credits)	18 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

EGT 420-01 – PLTW-Digital Electronics	(3 credits)	18 Student Cap
BPT 114-01 – Instrumentation I	(2 credits)	18 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

Electromechanical Specialist | Certificate - <https://www.witcc.edu/programs/147/>

Electromechanical Technician | Diploma - <https://www.witcc.edu/programs/257/>

ENGLISH

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

SPC 112 – Public Speaking	(3 credits)	24 Student Cap
ENG 105 – Composition I	(3 credits)	24 Student Cap
HUM 101 – Introduction to Humanities	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*LIT 133 – Minority Voices Literature	(3 credits)	24 Student Cap
*LIT 101 – Introduction to Literature	(3 credits)	24 Student Cap
*ENG 106 – Composition II	(3 credits)	24 Student Cap

YEAR 2

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*LIT 150 – World Literature I	(3 credits)	24 Student Cap
*ENG 221 – Creative Writing	(3 credits)	24 Student Cap
LIT 110 – American Literature to Mid-1800s	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

HUM 220 – Mythology	(3 credits)	24 Student Cap
*LIT 151 – World Literature II	(3 credits)	24 Student Cap
LIT 111 – American Literature after 1800	(3 credits)	24 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

These credits lead toward WITCC's English Transfer Major.

English | AA - <https://www.witcc.edu/programs/57/>

GRAPHIC DESIGN/DIGITAL MARKETING

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

GRA 140 – Digital Imaging I	(3 Credits)	20 Student Cap
GRA 201 – Design Principles I	(3 Credits)	20 Student Cap
SMM 101 – Social Media	(3 Credits)	20 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*GRA 141-01 – Digital Imaging II	(3 Credits)	20 Student Cap
*GRA 207-01 – Design Principles II	(3 Credits)	20 Student Cap
ART 186-701 – Digital Photography	(3 Credits)	20 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

These credits can lead to WITCC's Marketplace Design Diploma & Graphic Design, AAS.

Marketplace Design | Diploma – <https://www.witcc.edu/programs/237/>

Graphic Design | AAS - <https://www.witcc.edu/programs/6/>

HVAC

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

ELE 112-04 – Basic Electrical Theory	(3 credits)	22 Student Cap
*HCR 112-02 – Heating Fundamentals	(3 credits)	22 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*HCR 305-02 – Fundamentals of Refrigeration	(3 credits)	22 Student Cap
*HCR 140-02 – Heat Pumps	(3 credits)	22 Student Cap

Denison Campus

YEAR 1

FALL – 7:45AM – 9:25AM (MONDAY – FRIDAY)

ELE 112-30 – Basic Electrical Theory	(3 credits)	12 Student Cap
*HCR 112-30 – Heating Fundamentals	(3 credits)	12 Student Cap

SPRING – 7:45AM – 9:25AM (MONDAY – FRIDAY)

*HCR 305-30 – Fundamentals of Refrigeration	(3 credits)	12 Student Cap
*HCR 140-30 – Heat Pumps	(3 credits)	12 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

MASS COMMUNICATION

Sioux City Campus

Audio Engineering/Video and Media Production/Broadcasting and Multimedia Journalism

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*CIN 104-01– Media Production & Equipment	(3 Credits)	20 Student Cap
*MUS 285-01 – Audio Production & Equipment	(3 Credits)	20 Student Cap
SMM 101-701 – social media Explored	(3 Credits)	20 Student Cap
⌘ ELE 101-601 – Industrial Safety - Online	(1 Credits)	20 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*CIN 126-01 – Video Field Production	(3 Credits)	20 Student Cap
*CIN 118 -02– Technical Production in Media	(3 Credits)	20 Student Cap

YEAR 2

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

CIN 114-01 – Introduction to Editing and Motion Graphics	(4 Credits)	20 Student Cap
MMS 142-01 – Media Literacy	(3 Credits)	20 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

CIN 145-01 – Marketing and Adv for Media	(3 Credits)	20 Student Cap
*CIN 161-01 – Video Practicum I	(1 Credit)	20 Student Cap
*MUS 267-01 – Pro Tools	(3 Credits)	20 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

Audio Engineering Technician | AAS - <https://www.witcc.edu/programs/216/>

Audio Production Assistant | Dipl - <https://www.witcc.edu/programs/233/>

Video and Media Production | AAS Page - <https://www.witcc.edu/programs/222/>

Video and Media Production Assistant | Dipl- <https://www.witcc.edu/programs/262/>

Broadcasting and Multimedia Journalism | AAS - <https://www.witcc.edu/programs/282/>

Mental Health, Social Work, and Crime

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

SOC 212-01 – Diversity	(3 credits)	24 Student Cap
SOC 110-01 - Introduction to Sociology	(3 credits)	24 Student Cap
PSY 111-02 – Introducton to Psychology	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

SOC -01 – Men, Women, and Society	(3 credits)	24 Student Cap
SOC 217-701 – Drug Use & Abuse Studies	(3 credits)	24 Student Cap
*PSY 295-01 – Co-Occurring Disorders	(3 credits)	24 Student Cap

YEAR 2

FALL – 12:30AM – 2:30AM (MONDAY – FRIDAY)

SOC 295-01 – Trauma and Resilience	(3 credits)	24 Student Cap
SOC 216-01– Study of Alcohol Use & Abuse	(3 credits)	24 Student Cap
SOC 115-01 – Social Problems	(3 credits)	24 Student Cap

SPRING – 12:30AM – 2:30AM (MONDAY – FRIDAY)

*PSY 205-01 – Forensic Psychology	(3 credits)	24 Student Cap
SOC 180 -01– Social Work Interactional Skills	(3 credits)	24 Student Cap
SOC 250-01 – Sociology of Deviance	(3 credits)	24 Student Cap

****Has a Pre-requisite or comment: See back page for details.***

These credits lead toward WITCC's Criminal Justice Transfer Major, Social Work Transfer Major, and Addictions Counseling Cooperative Program with University of South Dakota.

Criminal Justice |AA - <https://www.witcc.edu/programs/295/>

Social Work |AA - <https://www.witcc.edu/programs/268/>

Addictions Counseling Cooperative Program –

NURSING PATHWAY

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

HSC 173/HSC 174-04 – Nurse Aide Theory/Clinical	(4 credits)	20 Student Cap
BIO 163-01 – Essentials of Anatomy & Phys	(4 credits)	20 Student Cap
HSC 114-603 – Medical Terminology	(3 credits)	20 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*BIO 151-01 – Nutrition	(3 credits)	20 Student Cap
*HSC 218-01 – Clinical Pathology for Allied Health	(3 credits)	20 Student Cap

YEAR 2

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*BIO 168-01 – Human Anatomy & Physiology I	(4 credits)	20 Student Cap
MAP 402-01 – Medical Law and Ethics	(2 credits)	20 Student Cap
HSC 143-Section (online)– Pharmacology	(3 credits)	20 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*BIO 173-01 – Human Anatomy & Physiology II	(4 credits)	20 Student Cap
HSC 206 -501– Transcultural Concepts in Health/Illness	(3 credits)	20 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

Nursing - ADN|AAS – <https://www.witcc.edu/programs/44/>

Nursing – PN|Diploma - <https://www.witcc.edu/programs/136/>

Nursing Assistant – CNA|Certificate - <https://www.witcc.edu/programs/103/>

PHARMACY TECHNICIAN

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

PHR 135-02 – Pharmacy Calculations and Comp	(3 Credits)	24 Student Cap
PHR 941-02 – Pharmacy Technician Practicum	(1 Credits)	24 Student Cap
PHR 105-02 – Intro to Pharmacy Technician	(3 Credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

ADM 154-02 - Business Communication	(3 Credits)	24 Student Cap
*PHR 120-02 – Pharmacology for Pharmacy Technician	(3 Credits)	24 Student Cap
*PHR 947-02 – Practicum	(2 Credits)	24 Student Cap
PHR 140-501 – Pharmacy Law	(1 Credits)	24 Student Cap

**Has a Pre-requisite or comment: See back page for details.*

Recommend successful completion of high school Algebra I prior to enrollment into pathway.

Pharmacy Technician|Diploma - <https://www.witcc.edu/programs/144/>

PLUMBING

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

BMA 176-01 – Basic Plumbing and Electrical	(5 Credits)	12 Student Cap
CON 112-01 – Blueprint Reading and Estimating	(3 Credits)	12 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*BMA 177-01 – Industrial Plumbing & Pipefitting	(3 Credits)	12 Student Cap
*CON 383-01 – Building Codes and Specifications	(3 Credits)	12 Student Cap
*PLU 182-01 – Commercial Fixtures	(2 Credits)	12 Student Cap

YEAR 2

FALL – 12:30PM – 2:35PM (MONDAY – THURSDAY)

PLU 170-01 – Residential Piping	(3 Credits)	12 Student Cap
PLU 171-01 – Residential Code	(2 Credits)	12 Student Cap
PLU 172-01 – Residential Fixtures	(2 Credits)	12 Student Cap

SPRING – 12:30PM – 2:35PM (MONDAY – THURSDAY)

*PLU 180-01 – Commercial Piping	(3 Credits)	12 Student Cap
*PLU 181 -01– Commercial Code	(2 Credits)	12 Student Cap
*PLU 190-01 – Plumbing Troubleshooting	(2 Credits)	12 Student Cap

****Has a Pre-requisite or comment: See back page for details.***

Plumbing Systems | Diploma - <https://www.witcc.edu/programs/283/>

SENIOR HEALTH PATHWAY

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

HSC 173/HSC 174-01 – Nurse Aide Theory/Clinical	(4 credits)	24 Student Cap
MAP 402-01 – Medical Law and Ethics	(2 credits)	24 Student Cap
HSC 114-03 – Medical Terminology	(3 credits)	24 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

HSC 143-701 – Pharmacology	(3 credits)	24 Student Cap
*HSC 218-01 – Clinical Pathology for Allied Health	(3 credits)	24 Student Cap

****Has a Pre-requisite or comment: See back page for details.***

SURGICAL TECHNOLOGY

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

SUR 130-01 – Introduction to Surgical Tech	(2 Credits)
HSC 114-601 – Medical Terminology	(3 credits)
*BIO 168-01 – Human Anatomy & Physiology I	(4 credits)

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

*SUR 145-01 – Patient Care Concepts	(3 Credits)
*BIO 173-01 – Human Anatomy & Physiology II	(4 credits)

****Has a Pre-requisite or comment: See back page for details.***

Above is a pathway into Surgical Technology, AAS. Students will have an additional two years of SUR courses to complete. Students must achieve a grade point average of 2.00 (C) or above in all program requirements.

Additional Gen Eds that can be completed now are ENG 105, PSY 111 and BIO 186.

Surgical Technology | AAS - <https://www.witcc.edu/programs/48/>

WELDING

Sioux City Campus

YEAR 1

FALL – 8:30AM – 10:30AM (MONDAY – FRIDAY)

WEL 147- 03 or 04 – ARC Welding Introduction (SWAW)	(3 Credits)	20 Student Cap
WEL 120- 03 or 04– Oxy Fuel Welding & Cutting	(2 Credits)	20 Student Cap

SPRING – 8:30AM – 10:30AM (MONDAY – FRIDAY)

WEL 423-03 or 04 – Introduction to GMAW	(2 Credits)	20 Student Cap
*WEL 422- 03 or 04 – GMAW for Production	(4 Credits)	20 Student Cap

YEAR 2

FALL – 12:30PM – 2:30PM (MONDAY – FRIDAY)

*WEL 148- 03 or 04– ARC Welding Intermediate (SMAW)	(3 Credits)	20 Student Cap
WEL 425- 03 or 04 – Measuring, Layout & Applied Weld Symbols	(1 Credits)	20 Student Cap
MAT 772-601 – Applied Math (Online)	(1 Credits)	20 Student Cap

SPRING – 12:30PM – 2:30PM (MONDAY – FRIDAY)

*WEL 424- 03 or 04 – Intro to Pulse ARC GMAW Welding	(3 Credits)	20 Student Cap
*WEL 110- 03 or 04 – Welding Blueprint Reading	(2 Credits)	20 Student Cap
*ELE 101-01 – Industrial Safety	(1 Credits)	20 Student Cap

****Has a Pre-requisite or comment: See back page for details.***

⌘ Successful completion of ELE 101 results in OSHA 10 certification.

Industrial Welding | Diploma - <https://www.witcc.edu/programs/95/>

Welding Technology | AAS - <https://www.witcc.edu/programs/278/>

Pre-Requisite Listing

ADM 105	Intro to Keyboarding	Test-out available at the WITCC Test Center
ADM 123	Doc. Formatting	ADM 105 – Introduction to Keyboarding
AUT 163	Auto Engine Repair	AUT 104 – Intro to Automotive Technology
AUT 615	Auto Electricity & Electronics	AUT 104 – Intro to Automotive Technology
AUT 633	Auto Electrical Systems	AUT 163 – Auto Engine Repair
BIO 151	Nutrition	Meet ONE of the following: 1)ACT Composite of 22 or higher 2)2 semesters of High School Chemistry with a B- or better OR 1 semester of High School Chemistry with a B- or better and 1 semester of High School Biology with a B-or better 3)Completion with a C- or better in BIO 163 Essentials of Anatomy and Physiology or Chemistry (CHM 122 or higher. 4)Instructor Permission
BIO 151 BIO 168	Nutrition Human A & P I	Meet ONE of the following: 1) ACT Composite of 22 or higher 2) 2 semesters of High School Biology with a B- or better 3) Completion with a C- or better in BIO 163, Essentials of Anatomy & Physiology 4)Instructor Permission
BIO 173	Human A & P II	BIO 168 – Human Anatomy & Physiology I
BMA 177	Industrial Plumbing & Pipefitting	BMA 176 – Basic Plumbing and Electrical & CON 112 – Blueprint Reading and Estimating & PLU 170 – Residential Piping Pre-req waived by department for College Now Pathway only
CIN 104	Media Prod & Equip.	ELE 101 – Industrial Safety
CIN 118	Technical Production in Media	CIN 104 – Media Prod. & Equip
CIN 126	Video Field Production	CIN 104 Media Prod. and Equip & CIN 114 Intro to Editing and Motion Graphics
CIN 161	Video Practicum I	CIN 104 – Media Production & Equipment
CIS 293	Application Dev II	CIS 193: Application Development I
CON 383	Build Codes and Spec	BMA 176 – Basic Plumbing and Electrical & CON 112 – Blueprint Reading and Estimating
ECE 103	Introduction to Early Childhood Ed.	Requires 6 hours of observation
ELE 195	Motor Controls	ELE 101 – Industrial Safety
ENG 106	Composition II	ENG 105 – Composition 1
ENG 221	Creative Writing	ENG 105 – Composition 1
GRA 141	Digital Imaging II	GRA-140 - Digital Imaging or CIN-114 - Intro to Editing and Motion Graphics
GRA 207	Design Principles II	GRA-201 - Design Principles I
HCM 188	Knife Skills	Corequisite: HCM 100 – Sanitation and Safety
HCM 270	Garde Manger	Corequisite: HCM 100 – Sanitation and Safety & HCM 188 – Knife Skills
HCM 252	Stocks and Sauces	Corequisite: HCM 100 – Sanitation and Safety
HCR 112	Heating Fundamentals	Corequisite - ELE 112 – Basic Electrical Theory
HCR 140	Heat Pumps	Corequisite - ELE 112 – Basic Electrical Theory
HCR 305	Fund of Refrigeration	Corequisite - ELE 112 – Basic Electrical Theory
HIT 244	Basic CPT Coding	HSC 114 – Medical Terminology and HIT 248 – Essentials of Medical Coding Corequisite: MAP 123 – Administrative Medical Office Procedures
HIT 285	Auditing of Eval. & Mgt Codes	Corequisite: HIT 244 – Basic CPT Coding
HIT 301	Elect. Health Records	HSC 114 – Medical Terminology
HSC 218	Clinical Pathology for Allied Health	One of the three needs to be met: HSC 114 – Medical Terminology OR BIO 168 - Human A & P 1 OR BIO 163 - Essentials of A & P
LIT 101	Intro to Literature	ENG 105 – Composition 1
LIT 133	Minority Voices in US Literature	ENG 105 – Composition 1
LIT 150	World Literature I	ENG 105 – Composition 1 & LIT 101 Intro to Literature
LIT 151	World Literature II	ENG 105 – Composition 1 & LIT 101 Intro to Literature
MUS 267	Pro Tools	MUS 285 – Audio Prod & Equip

MUS 285	Audio Prod & Equip	ELE 101 – Industrial Safety
NET 197	Intermediate Networking	NET 121 – Fundamentals of Computers and Networks
NET 425	Network & System Defense	NET – 612 Fundamentals of Network Security
PHR 120	Pharm for Pharm Tech	PHR 105 – Intro to Pharmacy Technician
PHR 947	Practicum	PHR 105 – Intro to Pharm Tech Corequisite: PHR 120 – Pharm for Pharm Tech
PLU 180	Commercial Piping	CON 112 – Blueprint Reading and Estimating & PLU 170 – Residential Piping Corequisite: PLU 181 – Commercial Code & PLU 182 - Commercial Fixtures
PLU 181	Commercial Code	CON 112 – Blueprint Reading and Estimating & PLU 170 – Residential Piping Corequisite: PLU 180 – Commercial Piping & PLU 182 - Commercial Fixtures
PLU 182	Commercial Fixtures	PLU 172 – Residential Fixtures & CON 112 – Blueprint Reading and Estimating Corequisite: PLU 180 – Commercial Piping & PLU 181 – Commercial Code Pre-req & Co-req waived by department for College Now Pathway only
PLU 190	Plumbing Troubleshooting	PLU 170 – Residential Piping & PLU 172 – Residential Fixtures & CON 112 – Blueprint Reading and Estimating & BMA 176 – Basic Plumbing and Electrical
PSY 205	Intro to Forensic Psychology	PSY 111 – Intro to Psychology
PSY 295	Co-Occurring and Addictive Disorders	PSY 111 – Intro to Psychology
SUR 145	Patient Care Concepts	SUR 130 – Intro to Surgical Technology
WEL 110	Welding Blueprint Reading	MAT 772 – Applied Math (Online)
WEL 148	ARC Welding Inter. (SMAW)	WEL 147 – ARC Welding Introduction (SWAW)
WEL 422	GMAW for Production	WEL 423 – Introduction to GMAW
WEL 424	Intro to Pulse ARC GMAW Welding	WEL 422 – GMAW for Production

Commonly Enrolled Course Requirements:

MAT 102	Intermediate Algebra	ACT 17 or higher, ALEKS score 17 or higher
MAT 111	Math for Liberal Arts	ACT 20 or higher, ALEKS score 29 or higher
MAT 117	Math for Elementary Teachers	ACT 20 or higher, ALEKS score 28 or higher
MAT 121	College Algebra	ACT 21 or higher, ALEKS score 32 or higher
MAT 156/157	Statistics	ACT 22 or higher, ALEKS score 33 or higher
MAT 129	Pre-Calculus	ACT 22 or higher, ALEKS score 35 or higher
MAT 211	Calculus I	ACT 26 or higher, ALEKS score 65 or higher
ENG 105	Composition I	Recommended ACT of 22 or higher