

# OLLEGE

General Catalog  
**2011-2012**



# **IMPERIAL VALLEY COLLEGE**

**2011-2012 General Catalog**

**IMPERIAL COMMUNITY COLLEGE DISTRICT**

380 E. Aten Road • Imperial, CA 92251-0158 • (760) 352-8320 • [www.imperial.edu](http://www.imperial.edu)

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International Association of Universities

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## Imperial Valley College Welcomes o

I invite you to become empowered by Imperial Valley College. If you have never been a student here, please look over this catalogue and learn about us. You will find we have a lot to offer. For those of you who are former IVC students seeking to enhance your academic or job skills, you will find many opportunities to enhance your education.

You are attending IVC at a very exciting and challenging time.

We have been working through one of the most serious budget crises that have ever impacted our state and unfortunately student access has been hurt. We pledge we will do everything in our power to minimize the impact on our core programs, including transfer education, applied sciences and basic skills students.

In your travels around our beautiful campus, though, you will also notice there is a lot of construction underway.

All of this expansion is being funded by two major bond measures that have been passed since 2004: the \$58.6 million Measure L bond adopted in November 2004 and the \$80 million Measure J approved by the voters in 2010.

While it may seem odd this work is continuing during a budget crisis, these bond funds can only be used for construction. They are helping us prepare for the future. Our college is in the midst of one of the most historic transformations in its history, perhaps second only to the actual construction of this beautiful campus on Aten Road in 1962.

In early 2010, we opened our new 70,000 square foot science building, and in a partnership with the county, new transportation facilities.

A handwritten signature in black ink, appearing to read "Jim Jones". The signature is written in a cursive style with a large, sweeping initial "J".

# IMPERIAL VALLEY COLLEGE 2011-2012 CALENDAR

## 2011

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## TYPES OF COURSES AND PROGRAMS

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**Reserve Officer Level II** - This position is for individuals who have completed the Reserve Officer Level I course and are currently serving as Reserve Officers. The position is for individuals who have completed the Reserve Officer Level I course and are currently serving as Reserve Officers. The position is for individuals who have completed the Reserve Officer Level I course and are currently serving as Reserve Officers.

**8. Extended Campus**

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r e s i e ... t s E e i ... s s e s ... r e ... u r r e ... t ... e r e ... t y e t r ... i ...  
i ... e ... t r ... A ... e s e r t ... e ... i ... e ... t r ...  
e ... A ... e ... e ... i ... e ... i ... e ... A ... s ... e ...  
t e s ... / ... r e e s i e ... / ... u s ... e ... t e r i ... e ... i ... A ... i ...  
r ... i ... e s ... f u ... r ... e ... f ... e ... i ... e ... s t u e ... t s e r ... i ... e ... i ...  
e ... e ... e ... i ... s s e s ... e ... i ... u ... s e ... i ... i ... i ... e ... T u s i ...  
e s s e r ... e s ... t r ... s ... i ... t s ... / ... u t e r ... T ... e ... i ... t e r ... e t ... e s s

**9. Developmental Preschool & Infant/Toddler Centers**

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**10. Work Experience**

... E ... l ... e ... r ... i ... e ... e ... u ... t ... i ... r ... r ... / T e t ... e ...  
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**DEGREES**

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**EXPENSES**

All fees, except tuition, are due by the date of registration.

**UNPAID FINANCIAL OBLIGATIONS**

Students who have unpaid financial obligations may not be eligible for financial aid.

**FEES**

Enrollment Fee	\$ 00.00
Registration Fee	\$ 100.00
Textbook Fee	\$ 100.00
Student Health Fee	\$ 100.00
Parking Fee	\$ 00.00
Student Representation Fee	\$ 00.00

\*Fees are subject to change without advance notice by the State of California.  
 #Students enrolled solely in off-campus classes are not required to pay the parking fee.

**Explanation of Fees**

The Enrollment Fee is a one-time fee that is assessed to all students who are enrolling in classes for the first time. This fee is used to cover the cost of the student's enrollment in the college's database.

The Registration Fee is a fee that is assessed to all students who are enrolling in classes for the first time. This fee is used to cover the cost of the student's registration in the college's database.

The Parking Fee is a fee that is assessed to all students who are enrolling in classes for the first time. This fee is used to cover the cost of the student's parking on campus.

The Student Representation Fee is a fee that is assessed to all students who are enrolling in classes for the first time. This fee is used to cover the cost of the student's representation on campus.

The Student Health Fee is a fee that is assessed to all students who are enrolling in classes for the first time. This fee is used to cover the cost of the student's health insurance.

## DROPPING CLASSES

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## IVC PARKING

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## ASSESSMENT

**Right to Inspect and Review Records**

According to the Freedom of Information Act, every individual has the right to inspect, receive, and receive true and correct copies of all records held by the government, subject to certain exemptions. The Act also provides that the government is required to provide a written response to a request for information within a certain period of time.

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**Right to File Complaints with the Department of Education**

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**Access Log**

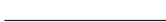
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**NONDISCRIMINATION & SEXUAL HARRASSMENT POLICY**

t / ▶





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ri u t u r, T r f r i r e i, i f r i, e t e r s t e s, e  
t e, re t, s, e r f r / e r s u, T r i t i s s t e f r, t e s t t  
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retur, s i f e s e, s s u, e t i \_ / e t, e, e r s, i -  
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f t e t, re \_ e i, e r s

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## GRADING SYSTEM

Prerequisites for Equivalency Courses  
Prerequisites for Equivalent Courses  
Prerequisites for Equivalent Courses

### Grades Definition Grade Points

Grades	Definition	Grade Points
A	Excellent	4
B	Very Good	3
C	Good	2
D	Less than Good	1
F	Fail	0
PA	Pass with Distinction <i>Formerly CR prior to Fall Semester, 2009</i>	4.0
P	Pass with Honors <i>Formerly CR prior to Fall Semester, 2009</i>	3.5
P	Pass with Merit <i>Formerly CR prior to Fall Semester, 2009</i>	3.0
P	Pass with Credit <i>Formerly CR prior to Fall Semester, 2009</i>	2.5
P	Pass <i>Formerly CR prior to Fall Semester, 2009</i>	2.0
P	Pass with Distinction <i>Formerly CR prior to Fall Semester, 2009</i>	4.0
P	Pass with Honors <i>Formerly CR prior to Fall Semester, 2009</i>	3.5
P	Pass with Merit <i>Formerly CR prior to Fall Semester, 2009</i>	3.0
P	Pass with Credit <i>Formerly CR prior to Fall Semester, 2009</i>	2.5
P	Pass <i>Formerly CR prior to Fall Semester, 2009</i>	2.0

### Grade Point Averaging

Total Quality Credits / Total Credits = GPA  
Quality Credits = Credits x Grade Point  
Total Credits = Credits  
Quality Credits = Credits x Grade Point

Prerequisites for Equivalent Courses

**TRANSFER CREDIT**

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**AP EXAMINATION**

**IVC COURSE**

**Minimum Score of 3 required unless otherwise identified.**

Art ist r

**No Course Equivalency**  
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Art tuci A EJ / l

**No Course Equivalency**  
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**Score of 3 - MATH 190**  
**Score of 4 or 5 - MATH 192**  
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**Score of 3 - Math 192**  
**Score of 4 or 5 - MATH 194**  
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**Score of 3 or 4 - CHEM 100**  
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**Score of 5 - CHEM 200**  
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**No Course Equivalency**  
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**Score of 3 - No Course Equivalency**  
 ↗ se/ ester u its  
**Score of 4 or 5 - CS 220**  
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**Score of 3 - No Course Equivalency**  
 ↗ se/ ester u its  
**Score of 4 or 5 - CS 230**  
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**ECON 102**  
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**ECON 101**  
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**Score of 3 or 4 - ENGL 101**  
 ↗ se/ ester u its  
**Score of 5 - ENGL 101 and 201**  
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**Score of 3 or 4 - ENGL 101**  
 ↗ se/ ester u its  
**Score of 5 - ENGL 101 and 102**  
 se/ ester u its

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**ENVS 110**  
 ↗ se/ ester u its

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**Score of 3 - FREN 201**  
 ↑ se/ ester u its  
**Score of 4 or 5 - FREN 211**  
 ↑ se/ ester u its

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**GEOG 102**  
 ↗ se/ ester u its

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**No Course Equivalency**  
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**POLS 102**  
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**POLS 104**  
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**Score of 3 - HIST 110**  
 ↗ se/ ester u its  
**Score of 4 or 5 - HIST 110 and 111**  
 se/ ester u its

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**Score of 3 - HIST 120**  
 ↗ se/ ester u its  
**Score of 4 or 5 - HIST 120 and 121**  
 se/ ester u its

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**Score of 3 - HIST 100**  
 ↗ se/ ester u its  
**Score of 4 or 5 - HIST 100 and 101**  
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**No Course Equivalency**  
 ↗ se/ ester u its

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**No Course Equivalency**  
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**No Course Equivalency**  
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**PHYS 200**  
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**PHYS 202**  
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**PSY 101**  
 ↗ se/ ester u its

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**Score of 3 - SPAN 200**  
 ↑ se/ ester u its  
**Score of 4 or 5 - SPAN 210**  
 ↑ se/ ester u its

▲ is Liter. ture

**No Course Equivalency**  
 ↗ se/ ester u its

▲ t tisti s

**MATH 119**  
 se/ ester u its

**A.A./A.S.** ture ts s u e Te . . re t t AP test re it is e . u ter  
 T - res . ei , itt . . equi . e t . / -urse e , ist 1 0 A  
 stue t , re e i e AP re it . e t e t est e equi . e t . /  
 -urse i . . e t e u it re it / r s u e u i -ti . e r e u ter . ri r  
 t Te . . . re t e A A . A e e ree / re it T Ac . . e P . e -  
 / e t e / / is . ter . . e ister . rst . . stue ts t r , s r i t . t L P . t L P . t L P .

**CREDIT FOR REGIONAL OCCUPATIONAL  
PROGRAM COURSES**

For information on credit for regional occupational program courses, visit [www.coe.edu/credit](#) or contact the Registrar's Office at [registrar@coe.edu](mailto:registrar@coe.edu).

**PROBATION, DISMISSAL, REINSTATEMENT**

Pr T. ti. is. s te/ / it ri, stue t, r, ressi rert  
ie tif stue ts, ree/ erie i, ei ut i / i, s tisi =  
t r, r, resst, r, r, ri teeu ti. Te ti e, r  
i, s ei, ssist, et stue tsi re ssesi, t eir e u ti.  
Te ti es, r, uie i, t e/ t. / is t ese, s tu e ts  
re, e r T. ti, i Te i ce ti e r, ri r t t e Te i  
i, t e, e t ter/ r, i Te r e r r e t t e y u sei, e ter

**Scholastic Probation**

▲ tu e ts, e. tte/ te 1 r/ re u its. t /, eri . . e  
e e / ( s s ) . . t eir tr, s i t i Te, e r / i  
r T. ti, i t e u / u. ti e, r, e, i t, er, eis Te . . 00 r .  
r, e s e r, e r, t /

▲ tu e ts, i Te re/ e r fr / e r / i r T. ti, e t eir u  
/ u. ti e, r, e, i t, er, e. t, / is 00 r i, er

**Scholastic Dismissal**

▲ tu e ts, ▲ . . sti Pr T. ti, i Te r is/ isser i t e e r, u  
/ u. ti e, r, e, i t, er, e f e s s t . . 1 i . u its. tte/ te r  
i e / t r e e . . se u ti e s e/ e s t e r s f e r / e t e u i, i  
ter i t e r s e s s i . . e s u / e r t e r /

▲ tu e ts, r e r is/ isser, i . t Te, e r t e . . s s e t e  
f . . i, e/ e s t e r e i Te r e q u i r e t / e e t, i t . . u s e r  
t e e . . r r e t i e . . f . . i . . s s . . s t e . . e T e e . .  
t i e r / t e i r i s / i s s i s t u s

**Lack-of-Progress Probation**

▲ tu e ts, e. tte/ te 1 r/ re u its. t /, eri . . e  
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Pr, res Pr T. ti, e t e, e r e t, e f . u its. tte/ te r  
i s / T, s f . . P . . f r / e r, r, e, / ( r e e r, e r, t  
r e e s i 0, e r e t r / r e

▲ tu e ts, i Te re/ e r fr / L - f Pr, res Pr T. ti, e t e  
e r e t, e f . u its. tte/ te r, f r, i s / T s f  
P, / ( r e e r, e r, s T e, / 0, e r e t

**Lack-of-Progress Dismissal**

▲ tu e ts, e e r e r L - f Pr, res Pr T. ti, f r t r e e . .  
se u ti e s e/ e s t e r s e u i, i t e r i t e r s e s s i . . e s u / e r t e r /  
i T e r is/ isser

▲ tu e ts, r e r is/ isser, i . t Te, e r t e . . s s e t e  
f . . i, e/ e s t e r t u e ts, i Te r e q u i r e t / e e t, i t . . u  
s e r t e e . . r r e t i e . . f . . i . . s s . . s t e . . e T e e . .  
t i e r / t e i r i s / i s s i s t u s

**Reinstatement**

▲ tu e ts s e q i, r e i s t t e / e t, f t e r s . . s t i r, r, res  
r is/ iss / u s t s u t / i t, e t i t i, f r r e i s t t e / e t t t e . . e f  
A r / i s s i . . s . . e . . r s

P e t i t i, s / . Te, e r . T t e i r e t r f A r / i s s i, s . e . r s  
r r e r r e t t e A r / i s s i, s, e i s t r, t i . . P e t i t i, s / / i t t e e  
f r . . s i e r, t i . . e . i s i, s / . e T t e y / / i t t e e, r e . .

**CHEATING AND PLAGIARISM**

i s . e s t i t e . . s s r / i s . . s i e r e r . . e r s e r i u s . . e s e A  
f r / f e t i, t u r, i, i, r, i . i s, t, e s, f, i r i s /  
i s, r u e s i r e i s i i, r, i, i, e . . s e q u e e s f t e s e, i, s  
r e s e r e . . f / . . i u e t e, s s i t i t f e d, u s i,

**STUDENT CONDUCT**

t i s, s s u / e r t, t t e e t r f, s t u e t i t /, e r i . . e y, e e  
u . . s t i t u t e s t e s t u e t s, e t, e f t e t, e, r s ▲ t u e t  
r, e u t, e t e r e y u. t i, s, u t i s e r T t e . . e

e . . /, e t e t, e, r s, e Pr e r e s / . Te f u e i t e . . e  
T ▲ f r, u t A e i s r s, ▲ t u e t l e p e r s, i . i s, i, Te i  
t e . . e ▲ t u e t A i r s r, t e . . e s, e T i t e

**STANDARDS OF STUDENT CONDUCT**

/, e r i . . e y, e e i s / i t i e f r t e u r, s e f, r, i e i, s t u  
e t s i t e . . / u i t, i t, r, r / s f i s t r u t i, i i j e r e u  
t i, e y, e e i s . . e r, e r, i t t e f s t e r i, ▲ e r, e t e  
s e r f r t r u t . . e t e r i s s e / i t i, f i c e s r e e i q u i r . . f r e e  
e d, r e s s i, r e i c i s e s T e t t e, u i e / e t f t e s e, s As  
/ e / T e r s f t e y, e e . . / u i t s t u e t s, r e e u r, e r t e  
e . . t e . . i t f r d i t i u r, / e t, e t e, e i, s u s t i e r  
f, e i e e e e t s e r f r t r u t ▲ t u e t s, t /, e r i . . e y, e e  
/ r j, t i u e d, e t t t e u t, e, e / i s t r i t i, i i t i  
e . . i r / e t, e r e t e r e i s f r e e / t e r, i s r e i r e s t, t  
t e r e T e, r, r i t e . . e i t i, s . . e r t u i t i e s i t e . . s s r /  
r, e . . /, u s A s / e / T e r s f t e y, e e . . / u i t s t u e t s s .  
T e e u r, e r t e e . . t e . . i t f r d i t i u r, e / e t, e t  
e l e r i s e t e i r j, t s t f r e e i q u i r . . f r e e s e e i, r e s, s i T e  
r, i e t / . . e r

▲ tu e t s s . . s s u / e, T i, t i, t . . e u t e / s e, e s i, / . .  
e r . . / t i T e, i t t e . . e s f u t i . . s, e u t i . . i s t i t u  
t i, ▲ t u e t s s . . T s e r e t e r u e s, e r e y u. t i, s f t e y, e e  
r, e s, r e f r i f r / e u t, i i t e r f e r e s, i t t e y, e e s  
t e u i, e, e / i s t r, t i, r, i u r e s . . T i t e r f e r e s, i t  
t e r j, t s f t e r s, i s, e u t, i e, t e . . e e . . /, u s r, t  
e y, e e s, s r e e f u t i, f r, i s t u e t s, e s t u e t r  
r, i, t i, s, r e s u t e t t e i s i i, r, i, i u e s T u t i s, t i /  
i t e r t t e f . . i, :

1) i f u e i s T e r i e e t . . f u f i r e t i, s f y, e e . . i s  
i t, i t e, e r i r / . . e f t e i r e u t i e s

( i . . t i, f y, e e r u e s, e r e y u. t i, s i u e i, t s e  
e r, i, s t u e t r, i, t i, s t e u s e f y, e e i t i e s  
r t e t i / e, e, e, e / . . e r f, u t i e d, r e s s i, r  
e i s t r i T u t i, f /, t e r i

2) i s . e s t s u . . s e t i, r f . . i, f u r, i s i, f, s e  
i f r / t i, t t e . . e e

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u t r i e r, e e, i t i e s

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/ e / T e r f t e y, e e . . / u i t r . . /, u s, i s i t r

( i s r e r e e i e e t r T s e e . . e u t r e d, r e s s i, r

10) A s s u t T, t e r r t e t r e t f f r e r, i e e f i r e t e r  
t, r e, r, / e / T e r f t e y, e e . . / u i t r . . /, u s, i s i t r

11) i f u / . . u f, t u r e e i s t r i T u t i, e i s e s i, . . s s e s s i, r  
u s e f, . . t r e r s u t s t, e, e, e, s s e s s i, u s e r e i s t r i T u t i,  
f, . .

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 er r. re r / e e r u / e e f su. s. / ist. re / er  
 r r i e r. / i e / i. / T. e e / e r t. / e i / i / e s  
 s it - T. e e / e r t. / t ( i - e s r. ) / e t / i e  
 T. r r i stru / e t u s e r r i t e e e r t T e u s e r. s. / u T r t  
 T e u s e r t t r e t e T e i / r /

2) / / issi / f. / i / e / - / us r - / / issi / f. / i / e  
 - / us / e su - / us i / eis / su. / ture t. t  
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- 3) u s e s i. / r r e / . T i s t r u i r
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 A e. i s r. / t u e t l e e e r s i t / t u e t A. i r s. / e r. / i e  
 t t t : s t u e t i / e r i e e u







# GRADUATION REQUIREMENTS

## Associate in Arts Degree and Associate in Science Degree

### Repeated Classes

Students may repeat a course if they receive a grade of D or lower. A student may repeat a course only once. A student who repeats a course more than once will be required to pay the tuition and fees for each additional attempt. A student who repeats a course more than once will be required to pay the tuition and fees for each additional attempt.

### Winter/Summer Sessions

Students may enroll in Winter or Summer sessions. Students who enroll in Winter or Summer sessions must pay the tuition and fees for each session.

### Withdrawal/Change of Classes

Students may withdraw from a course or change a course. Students who withdraw from a course or change a course must pay the tuition and fees for each attempt. A student who withdraws from a course or changes a course more than once will be required to pay the tuition and fees for each additional attempt.

## CHANGES IN THE CATALOG

Students should check the current catalog for any changes in the requirements for the Associate in Arts and Associate in Science degrees. Students who are currently enrolled in a program should check the current catalog for any changes in the requirements for their program.

Students who are currently enrolled in a program should check the current catalog for any changes in the requirements for their program. Students who are currently enrolled in a program should check the current catalog for any changes in the requirements for their program.



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 e e ree. t /... eri... e /... e / ust Te fr /... e e r  
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**III. INSTITUTIONAL REQUIREMENTS**

**A. American Institutions**

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**B. Health Education:** e t E fu... ti, 10 r e t E fu... ti,  
 100... eter... s, (

*NOTE: This requirement is waived for students who have completed ADN or IVN Majors. Veterans and active duty military personnel may be granted two units of college credit to fulfill the Health Education Requirement if military service has been continuous for at least six months. Copies of the DD-214 or DD-215 forms covering all periods of military service must be on file in the Veterans Office to officially request Health Education credit.*

**C. Physical Education 100 (2 units) and One (1) Physical Education Activity Course (1 unit)**

*NOTE: Veterans and active duty military personnel may be granted two units of college credit to fulfill the Elective Physical Education activity requirement if military service has been continuous for at least six months. Copies of DD-214 or DD-215 forms covering all periods of military service must be on file in the Veterans Office to officially request PE credit.*

**IV. STATE COMPETENCY REQUIREMENTS**

**A. Math Competency:**

E L 1	ur e	f A/ eri	Liter. ture	?
E L	ur e	f r	Liter. ture	?
E L	ur e	f r	Liter. ture	?
E L	ur e	f E,	is Liter. ture	?
E L	ur e	f E,	is Liter. ture	?
E L	ur e	)		
E L	ur e	)		

# TRANSFER PREPARATION

▶ tu e ts, i, t e ter, u i ersit r f ur- e r- e, e, fter  
 tte ei, /, eri... e, e es u e e, te fte  
 f, i, su, esti, s:

A /, sutt e- t, fte- e e ru i ersit t, i- t e  
 i te t tr, sfer f rsu- require/ e ts, s:

1 Ac/ issi, si f r/ ti,

r-urse require/ e ts

▶ e er- eu- ti, rTre t require/ e ts

ti- t e f i ere e Te t ee er, e u, er f i si,  
 -urses require: T t e s- i, i- t e, e, e, r is  
 t Te t e /, r, t, i t: e ree re- it i t e /, r-  
 Te e e, ter, f r t se- / / u it - e e -urses  
 f r, i- t ere, re, r, e -urses e s j, ter, s, er f i i-  
 si, T f ur e r- e, es ru i ersities

/ te, / urses, i- / ust Te t e i, re, r, ti, f r t e  
 /, r, s, e, st se require f r t e /, r

e/ e/ Tert, t- / / u it - e e -urses tr, sfer t f ur-  
 e r- e, es i ter/ s f s e i- re e ti e re- it e e e i,  
 u, t e s- e, /, r se e ter, e f r t t e e T  
 site, t [www.assist.org](http://www.assist.org), i- ist e, i, i, f r i st te i e  
 e, t T, se isti, se e ti, f - /, us, r, e r tr, sfer  
 , ree/ e ts, e er- eu- ti, require/ e ts, e i f r/ ti,

▶ tu e ts, re, e iser t - t t, /, eri... e, e e  
 -u se r f r/ re i f r/ ti, e f r e t i s re, re i, t er  
 tr, sfer, ree/ e ts, e, ti, s, t, i, Te, e f r  
 ur tr, sfer- e e - i e

E te, /, i- es re, re i, t e /, i/ u/ / u/ Ter f u its  
 i- /, Te tr, sfer Te A /, i/ u/ f O tr, sfer Te  
 u its- /, e te, t t e- / / u it - e e e e /, Te, -  
 , ier t, r e t e t t, u/ Ter f u its require f r, T, -e-  
 r s e, ree T t e, i ersit f, i f r i r t e, i f r i  
 ▶ t te, i ersit ▶ u t e t re- it f r tr, sfer Te -urses i e /-  
 -ess f O u its /, s Te, r, ter t s t i s i ersit, r e-

u ti, require/ e ts A -urses, -e ter, s equi, e t t  
 t se, er e i, er f i si, T t e u i ersit - /, e te, t  
 t e- / / u it - e e e e i f Te, e t e O u it /, i/ u/  
 i Te, ier, ere, e e e t / e e s e i- , er f i si,  
 /, r, e, r, e er- eu- ti, rTre t require/ e ts, ere-  
 f re stu e ts, restr, e, iser t - /, e te, -urses e s-  
 j, ter, s require, er f i si, re, r, ti, f r t e /, r  
 r i r t tr, sfer es e i, ere, e / issi, t t e /, r i s -  
 ti, e t, - /, e ti, f s e i- -urses

▶ tu e ts s u e, s, i t e/ se, es f, r t u ti est / e e t



A 100  
 AA 100

. E 0	PA 100
. E 0	PA 110
. E	PA 00
. 100	PA 10
. 101	PA 0
. 110	PA 1
. 111	PA
. LA 10	PA 5
. LA 11	PA 1

D. SOCIAL SCIENCE se/ ester r1 qu rter u its/

1. American Institutions, require/ e ti  
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 fr / P iti \_ie . / e \_urse fr / ist r \_i /  
 se/ ester u its

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T ist r : . 10 0 . . 11 0

2. Select one course from any subject area below.

A 100	. 10
A 10	. 10
A 10	. 10
A / 10	. 0
A A 10	. 10
A A 10	. LA 5
A A 10	. LA 10
A A 10	. LA 11
A A 10	. LA 5
A 10	. LA 1



、 A 110	(	、 A 0	3!
、 A 10	3!	、 A 0	3!
、 A 10	3!	、 A 0	3!
、 A 1	3!		

3. **ARTS AND HUMANITIES** se/ ester 1 -h<sup>5</sup> qu rter u its  
 At e st<sub>3</sub> -urses, it . t e st 1 fr / t e Arts. r e 1 fr /  
 t e u / . ities

**ARTS COURSES**

A 100	3!	、 10	3!
A 10	3!	、 10	3!
A 10	3!	、 1	3!
A 10	3!	、 00	3!
E L 0	3!	、 0	3!
、 E L 0	3!	、 0	3!
、 100	3!	、	3!
、 10	3!		

# CAREER TECHNICAL EDUCATION

... erit ... e / e e . s e e e , e e - r e e r , r , r / s , i - r e t e . t  
e / , / e t , , r t u i t i e s } u r - u t , , e r e , i . A e , i s r - / -  
/ i t t e e s , r - s e , i t t e - e , e t , s s u r e e - s t u d e t t e T e s t  
i e e u - t i , , e r e e / , / e t , , r t u i t i e s u , , r . e u t i .

• t e f i , i s t f \_ u r s e s t e \_ r e c i t , u e f e \_ \_ u r s e i s e -  
/ e s t e r u i t s i s i i \_ t e r T , u / T e r i , r e t e s e s , f e r t e \_ u r s e  
• u / T e r

/ ► e i t , s s i T e f r , r e t e r , u / T e r f \_ u r s e s t T e , e r e t  
t e s t u e t s f / , e r i . . e



**AJ 106 (3.0 UNITS)**

**Principles and Procedures of the Justice System**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

... / ... Pre ... / ... et ... E L O ... / er  
E L 100 ... E L O ... it ... r ... r Letter  
A ... t ... t ... e ... res ... siTi ities ... e ... se / e t  
... it ... e ... / ... istr. ti ... t ... e ... ste / ... e ... r ... e ... t ... u ...  
... i ... \_ ... re ... ti ... s ... A ... st ... re ... t ... e ... future ... e ... sure ... t ... e ... su ... T ...  
... s ... ste / ... r ... e ... ure ... r ... / ... i ... ti ... e ... tr ... t ... e ... is ... si ... ti ... e ... t ... e ...  
... re ... ti ... s ... i ... e ... \_ ... se / e t / ... i ... t ... i ... s ... it ... its ... ste / ... / e / Ter ... !

**AJ 110 (3.0 UNITS)**

**Law Enforcement Community Relations**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

... / ... e ... Pre ... r ... ti ... : ... / ... et ... i ... E L O ... r / er  
E L 100 ... E L O ... it ... r ... e ... f ... r Letter  
... r ... y ... i ... ter ... ti ... e ... t ... e ... t ... e ... t ... i ... Te ... / ... e ... r ... e ... t ... e ...  
... re ... ti ... s ... i ... e ... r ... e ... e ... t ... i ... s ... / ... t ... e ... r ... i ... us ... e ... ies ... e ... t ...  
... t ... e ... u ... T ... i ... E ... / ... sis ... i ... Te ... e ... f ... u ... r ... r ... e ... s ... i ... i ... e ... e ... t ...  
... t ... e ... e ... / ... e ... t ... si ... ti ... e ... re ... ti ... s ... i ... s ... Te ... t ... e ... e ... / ... e / Ters ... i ... t ... e ...  
... i ... / ... i ... e ... t ... i ... s ... ste / ... e ... t ... e ... u ... T ... i ... e ... ts ... f ... / ... u ... it ... - ... ri ...

**AJ 122 (3.0 UNITS)**  
**Criminal Investigation**



AG 1WheJpceSa1Zd:c8 UN1,TS1Ze



**AG 270 (3.0 UNITS)**

**Weeds and Weed Control**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

This course covers the identification, life cycles, characteristics, and control of weeds. It includes the identification of weeds, their life cycles, and the characteristics that make them difficult to control. The course also covers the various methods of weed control, including mechanical, chemical, and biological methods. The student will learn to identify weeds in the field and to apply appropriate control methods.

**ADS 120 (3.0 UNITS)**

**Introduction to Counseling**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

... e... / e... Pre... r... ti... : R... 101... / 101  
A stud... t... e... r... less... r... tie... i... ter... ie... i... r...  
... u... se... i... / u... it... ser... i... e... r... t... er... u... se... i... situ... ti... s...  
... e... urse... is... es... j... er... t... s... s... i... s... t... t... e... stu... de... tt... i... e... r... e... e... r...  
... e... e... s... i... s... i... n... e... r... t... e... r... i... e... t... r... i... ter... ie... ee... i... u... se... i...  
... situ... ti... s... e... r... i... e... s... f... u... se... i... r... T... si... e... i... s... i... s... i... Te... re...  
... se... ter... e... / ... str... ter... r... tie... r... / e... s... R... 101... /

**ADS 130 (3.0 UNITS)**

**Group Leadership and Group Process**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

... is... urse... i... i... tr... cu... et... est... ue... tt... r... u... t... e... r... r... e... s...  
... r... e... r... u... s... e... i... t... e... s... i... s... e... t... i... e... / i... e... / e... /  
... T... e... r... i... e... e... e... r... s... i... r... i... u... s... i... e... s... f... r... u... s... e... / ... s... i...  
... r... u... r... e... s... / ... s... i... e... r... t... i... Te... j... e... t... / ... s... e... s... t... r... e... g... i... e... s... f...  
... s... i... / ... e... e... s... s... i... t... f... r... s... i... / ... e... i... r... e... t... i... t... e... r...  
... s... / ... e... s... i... u... e... s... e... f... i... r... s... i... e... i... r... T... e... / ... s... / ... /  
... / u... i... t... i... s... e... e... t... i... e... e... / ... t... i... r... e... s... / ... s... e... r... e... s... / ... r... t...  
... s... i... Te... j... i... t... e... r... e... / ... s... i... t... e... r... u... r... e... s... s... / e... s...  
... f... / ... i... Te... j... i... r... / e... s... R... 130... /

**ADS 150 (3.0 UNITS)**

**Sociology of Minority Groups**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

... is... urse... i... u... e... s... t... e... s... t... u... e... f... t... e... t... e... r... i... e... s... f... r... e... u... i... e... e... f... i... s...  
... i... t... i... / ... f... i... e... r... e... t... r... u... s... i... t... i... A... e... r... i... s... i... e... t... t... i... \_... e... r...  
... i... s... t... r... i... \_... s... i... s... f... t... e... r... T... e... / ... s... f... t... e... s... e... r... u... s... e... t... / ...  
... r... e... s... i... i... u... e... r... i... s... / ... s... e... i... s... / ... e... t... i... e... r... e... j... i... u... s...  
... f... i... s... i... t... i... s... / e... s... R... 150... /

**ADS 176 (1.0 UNIT)**

**Sex and Gambling Addiction**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

... is... e... u... i... t... \_... urse... is... i... tr... cu... ti... t... e... f... f... i... t... i... e... / ... -su... t... s... t... e...  
... r... e... t... e... r... i... s... r... e... s... s... u... e... s... e... r... e... s... s... e... r... i... i... u... e... s... e... l... / ... e... e... f... f... i...  
... t... i... / ... T... i... e... f... f... i... t... i... / ... u... s... i... e... s... e... e... i... t... i... r... i... e...  
... t... r... i... i... i... t... e... / ... i... t... i... / ... r... r... i... t... e... r... e... u... t... i... / ... e... s... e... i...  
... t... e... r... e... t... i... s... /

**ADS 177 (1.0 UNIT)**

**Anger Management**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

A... i... tr... cu... ti... t... t... e... t... e... r... i... e... s... e... i... t... e... r... e... t... i... s... f... r... t... e... / ... e...  
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**ADS 230 (3.0 UNITS)**

**Alcohol and Drug Prevention and Education**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: A P 101, A P 110

This course is required for students in the Alcohol and Drug Prevention and Education program. The course covers the basic principles and techniques of alcohol and drug prevention and education. Topics include the history and current status of alcohol and drug problems, the social and cultural context of alcohol and drug use, the impact of alcohol and drug use on the individual, family, and community, and the role of prevention and education in reducing alcohol and drug-related problems. The course also covers the legal aspects of alcohol and drug prevention and education, and the role of the student in the prevention and education process.

**ALLIED HEALTH PROFESSIONS**

**AHP 060 (5.5 UNITS)**

**Health Assistant**

**Term Hours: 63 Lec, 108 Lab**

**Letter Grade only**

Prerequisite: A P 100

This course is required for students in the Health Assistant program. The course covers the basic principles and techniques of health assistance. Topics include the history and current status of the health care system, the role of the health assistant, the anatomy and physiology of the human body, the basic principles of infection control, and the role of the health assistant in the health care process. The course also covers the legal aspects of health assistance, and the role of the student in the health care process.

**AHP 062 (1.5 UNITS)**

**Home Health Aide**

**Term Hours: 18 Lec, 27 Lab**

**Letter Grade only**

Prerequisite: Health Assistant

This course is required for students in the Home Health Aide program. The course covers the basic principles and techniques of home health assistance. Topics include the history and current status of the home health care system, the role of the home health aide, the anatomy and physiology of the human body, the basic principles of infection control, and the role of the home health aide in the home health care process. The course also covers the legal aspects of home health assistance, and the role of the student in the home health care process.

**AHP 070 (4.5 UNITS)**

**Administrative Medical Assistant I**

**Term Hours: 81 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: A P 100

This course is required for students in the Administrative Medical Assistant I program. The course covers the basic principles and techniques of administrative medical assistance. Topics include the history and current status of the medical profession, the role of the administrative medical assistant, the anatomy and physiology of the human body, the basic principles of infection control, and the role of the administrative medical assistant in the medical profession. The course also covers the legal aspects of administrative medical assistance, and the role of the student in the medical profession.

**AHP 072 (4.5 UNITS)**

**Administrative Medical Assistant II**

**Term Hours: 81 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: A P 0 0

This course is required for students in the Administrative Medical Assistant II program. The course covers the basic principles and techniques of administrative medical assistance. Topics include the history and current status of the medical profession, the role of the administrative medical assistant, the anatomy and physiology of the human body, the basic principles of infection control, and the role of the administrative medical assistant in the medical profession. The course also covers the legal aspects of administrative medical assistance, and the role of the student in the medical profession.

**AHP 074 (2.0 UNITS)**

**Clinical Externship I**

**Term Hours: 0 Lec, 108 Lab**

**Letter Grade only**

Prerequisite: A P 0

This course is required for students in the Clinical Externship I program. The course covers the basic principles and techniques of clinical externship. Topics include the history and current status of the medical profession, the role of the clinical externship, the anatomy and physiology of the human body, the basic principles of infection control, and the role of the clinical externship in the medical profession. The course also covers the legal aspects of clinical externship, and the role of the student in the medical profession.

**AHP 080 (3.5 UNITS)**

**Specimen Collection and Laboratory Procedures**

**Term Hours: 54 Lec, 27 Lab**

**Letter Grade only**

Prerequisite: A P 0

This course is required for students in the Specimen Collection and Laboratory Procedures program. The course covers the basic principles and techniques of specimen collection and laboratory procedures. Topics include the history and current status of the laboratory profession, the role of the specimen collection and laboratory procedures, the anatomy and physiology of the human body, the basic principles of infection control, and the role of the specimen collection and laboratory procedures in the laboratory profession. The course also covers the legal aspects of specimen collection and laboratory procedures, and the role of the student in the laboratory profession.

**AHP 084 (3.5 UNITS)**

**Pharmacology and Administration of Medication**

**Term Hours: 54 Lec, 27 Lab**

**Letter Grade only**

**Prerequisite:** A P 0

is \_urse is \_esi, \_et, \_re, \_resture, \_st, \_u, \_erst, \_e / \_ei -  
e, \_et, \_i, \_s, \_e, \_ts, \_ru, \_ssi, \_ti, \_s / \_ei, \_ /, \_t, \_us, \_e /  
P, \_ . TTre, \_i, \_ti, \_s, \_e, \_s / T, \_s, \_riti, \_ , \_res, \_ti, \_ti, \_s, \_rti, \_  
\_ /, \_ \_s, \_st, \_ri, \_ / \_ei, \_ti, \_s / et, \_ \_s, \_f, \_e / i, \_steri, \_ / \_e -  
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\_ \_s, \_i, \_er, \_ti, \_s, \_f, \_e, \_ru, \_ti, \_e, \_e, \_i, \_ter, \_ti, \_s, \_ , \_tr, \_s, \_fer, \_T, \_e  
AA ▲ \_e, \_re, \_e, \_!

**AHP 086 (2.0 UNITS)**

**Clinical Externship 'WbZpdJWrb/RdwmshpSbc6SWaaZRtSWaZRR0SWecRCSclnicalSWbZgREccxSSWaZRgsgrxZgRopghRcSSfRWT/RtgmSgRpRbgr/x**

**AHP 130 (3.0 UNITS)**

**Calculation and Pharmacology for Pharmacy Technicians**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Prerequisites: AHP 100

This course is designed for pharmacy students for the purpose of providing them with the necessary skills to perform calculations and pharmacology for pharmacy technicians. The course covers the following topics: Unit conversions, Dosage calculations, Pediatric calculations, Parenteral calculations, and Medication administration. The course is designed to provide the student with the necessary skills to perform calculations and pharmacology for pharmacy technicians.

**AHP 140 (4.5 UNITS)**

**Pharmacy Technician Operations**

**Term Hours: 63 Lec, 18 Lab**

**Letter Grade only**

Prerequisites: AHP 100

This course is designed for pharmacy students for the purpose of providing them with the necessary skills to perform pharmacy technician operations. The course covers the following topics: Pharmacy operations, Pharmacy law and ethics, Pharmacy safety, and Pharmacy quality control. The course is designed to provide the student with the necessary skills to perform pharmacy technician operations.

Pharmacy Technician Operations

**AMSL 112 (3.0 UNITS)**  
**Interpreting as a Profession**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

• e\_/ / e pef Pre r r ti : A ▴ L100

is \_urse, r\_ices, ist r\_ / e f r t e, r\_ i \_es r es  
res\_ siTi ities, f st, p, r, r\_ i \_es f t e i ter reti, r fes-  
si, r\_ stru\_ ti, r\_ r\_ ti, testi, st, p, r\_ s, re, r r ti, f r \_er-  
ti \_ti, r\_ r\_ t e, e\_essit f et i\_ s\_ uti e\_ i t e, ter reti,  
/ \_e f Et i\_ s\_ /\_ /\_ !

**AMSL 200 (3.0 UNITS)**  
**American Sign Language 3**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

• e\_/ / e pef Pre r r ti : A ▴ L10

/, r\_ ti ues p e e / e t f A/ eri\_ ▴ j, L, u, e, r\_ s ti r\_ r  
s i s e, iques f f\_ i\_ e\_ r\_ ssi, T p / e/ e t, p s e i -  
i, ti, r\_ sitre, test A/ eri\_ ▴ j, L, u, e, r\_ e f\_ u ture, i  
Te st uie r\_ /\_ /\_ /\_ !

**AMSL 202 (3.0 UNITS)**  
**American Sign Language 4**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

• e\_/ / e pef Pre r r ti : A ▴ L 00

e \_urse is, \_ ti u ti, f t e A/ eri\_ ▴ j, L, u, e, s i s  
r\_ p\_ tue \_ p e e, e\_ i A ▴ L 00 e \_urse i\_ re ses r  
stre, t e s stue ts e\_ r\_ ssi e, r\_ e\_ r\_ e\_ ti e, \_ Tu, r \_ /, e-  
te \_ r\_ e\_ r t e /, r\_ f\_ s f t e \_urse \_ ti ues t Te, t e  
e\_ r\_ ssi, f\_ stue ts s i s i t e i r\_ /, ti\_ us, e f\_ r\_ s ti r\_ r  
▴ L, r\_ e\_ s s f ▴ L, r\_ /, r\_ us, e, r\_ e\_ s\_ t, r\_ e\_ f\_ i\_ t i\_ e\_ r\_ ssi  
e\_ s\_ j, r\_ u, e, t t e i ter/ e\_ i t e e e\_ e\_ stue ts, i  
e\_ r\_ e\_ t e\_ r\_ e\_ r\_ e, e, r\_ e\_ u\_ e\_ r\_ s t, e\_ i, f\_ e\_ f\_ u ture /\_ /\_ /\_ !

**AMSL 204 (3.0 UNITS)**  
**American Sign Language 5**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

• e\_/ / e pef Pre r r ti : A ▴ L 0

A ▴ L 0 \_ ti ues, t t e i ter/ e\_ i t e e e t e p e e / e t f  
t e A/ eri\_ ▴ j, L, u, e, r\_ i\_ e\_ \_ stue ts, \_ quire i A ▴ L  
0 ▴ tue ts \_ ti uet e\_ r\_ e\_ t e i r\_ r\_ e\_ s s f ▴ L, r\_ e-  
ti, s, r\_ /, r\_ e, \_ Tu, r i\_ u\_ e\_ i, \_ \_ ti uer e\_ i\_ e\_ f t, -  
i\_ s\_ j, s, p\_ i\_ r\_ / s ▴ tue ts p e e, r\_ e\_ r\_ e\_ t e r \_ /, e\_ t e \_ i\_ t  
t e i r\_ e\_ t i e u\_ e\_ r\_ s t, e\_ i, f\_ e\_ t e p e r ▴ L f\_ i\_ s\_ \_urse, e\_ i t e i r  
e\_ r\_ ssi, f\_ e\_ t e p e r i\_ e\_ s \_ e\_ ts, p\_ s t\_ r\_ i\_ e\_ s i ▴ L e\_ i\_ r\_ e\_ r\_ ssi  
e\_ /, e\_ t e \_ i\_ e\_ i\_ s\_ s\_ i, f\_ i\_ e\_ s\_ i\_ u\_ e\_ s, e\_ r\_ ssi,  
f\_ t e i r\_ u\_ e\_ r\_ s t, e\_ i, f\_ e\_ f\_ u ture ▴ tue ts \_ ti uet e  
r\_ t f t e i r\_ e\_ i\_ r\_ e\_ s s f e f u ture, p ▴ L i, u\_ i\_ s\_ t\_ s  
/\_ /\_ /\_ !

**AMSL 210 (3.0 UNITS)**  
**Interpreting American Sign Language 1**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

• e\_/ / e pef Pre r r ti : A ▴ L 0

A ▴ L 10 f\_ u\_ s\_ s\_ t\_ u\_ e\_ t\_ s\_ s\_ j, r\_ u, e\_ f\_ i\_ t\_ r\_ t\_ e\_ p\_ e\_ e\_ -  
/ e t f E, i\_ s\_ t\_ ▴ L i\_ t\_ e\_ r\_ r\_ e\_ t\_ i, s\_ i\_ s\_ e, r\_ i/ r\_ f\_ u\_ s\_ f\_ t\_ e  
t\_ r\_ i\_ i, i\_ s\_ i\_ t\_ e\_ r\_ r\_ e\_ t\_ i, i\_ e\_ u\_ t\_ i, r\_ e\_ r\_ s\_ u/ e\_ r\_ s\_ e\_ t\_ t\_ i, s  
r\_ e\_ r\_ s\_ i\_ t\_ \_ t\_ i\_ u\_ e\_ r\_ e\_ e\_ / e t f i\_ r\_ i /, t\_ i\_ s\_ j, s\_ i\_ s\_ t\_ u\_ e\_ t\_ s  
r\_ e, r\_ e\_ s\_ e\_ t\_ e\_ r\_ r\_ e\_ r\_ e\_ t\_ e\_ t\_ d\_ i\_ s\_ s\_ i\_ t\_ e\_ t\_ r\_ e\_ t, r\_ u, e\_ t\_ e  
r\_ i/ r\_ r\_ e\_ e/ e\_ t\_ s\_ f\_ t\_ e\_ \_ p\_ e\_ f\_ e\_ t\_ i\_ s\_ ▴ t\_ u\_ e\_ t\_ s\_ \_ t\_ i\_ u\_ e\_ t\_ e\_ i\_ -  
t\_ e\_ s\_ e\_ r\_ e\_ i\_ e\_ f\_ e\_ f\_ u\_ t\_ u\_ r\_ e, p ▴ L i, u\_ i\_ s\_ t\_ s\_ t\_ r\_ e\_ t\_ i\_ A ▴ L 0

**ANTH 106 (3.0 UNITS)**  
**Indians of North America**  
**Term Hours: 54 Lec, 0 Lab**







**ASTRONOMY**

**ASTR 100 (3.0 UNITS)**

**Principles of Astronomy**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Astronomy is the study of celestial objects and phenomena that originate outside the Earth's atmosphere and include the Earth's atmosphere and Moon. It is a natural science that studies the motion and interactions of celestial objects, such as stars, planets, comets, and galaxies, and the physical processes that govern them.

**AUTOMOTIVE BODY AND PAINT**

**AU B 120 (5.0 UNITS)**

**Automotive Collision Repair**

**Term Hours: 54 Lec, 108 Lab**

**Letter Grade only**

This course covers the fundamentals of collision repair, including the identification and repair of damage to the body and paint of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of dents, scratches, and paint.

**AU B 140 (5.0 UNITS)**

**Frame and Undercarriage Repair**

**Term Hours: 54 Lec, 108 Lab**

**Letter Grade only**

This course covers the fundamentals of frame and undercarriage repair, including the identification and repair of damage to the frame and suspension of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of bent frames and worn suspension components.

**AU B 220 (5.0 UNITS)**

**Estimating and Collision Repair**

**Term Hours: 54 Lec, 108 Lab**

**Letter Grade only**

This course covers the fundamentals of estimating and collision repair, including the identification and repair of damage to the body and paint of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of dents, scratches, and paint.

**AU B 240 (3.0 UNITS)**

**Custom Refinishing and Shop Management**

**Term Hours: 18 Lec, 72 Lab**

**Letter Grade only**

This course covers the fundamentals of custom refinishing and shop management, including the identification and repair of damage to the body and paint of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of dents, scratches, and paint.

**AUTOMOTIVE TECHNOLOGY**

**AUT 070 (3.0 UNITS)**

**Automotive Techniques and Applications**

**Term Hours: 18 Lec, 108 Lab**

**Letter Grade only**

This course covers the fundamentals of automotive techniques and applications, including the identification and repair of damage to the engine, transmission, and suspension of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of engine, transmission, and suspension components.

**AUT 075 (3.0 UNITS)**

**Basic Shop Skills**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

This course covers the fundamentals of basic shop skills, including the identification and repair of damage to the body and paint of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of dents, scratches, and paint.

**AUT 085 (3.0 UNITS)**

**Automotive Maintenance and Repair**

**Term Hours: 36 Lec, 54 Lab**

**Letter Grade only**

This course covers the fundamentals of automotive maintenance and repair, including the identification and repair of damage to the engine, transmission, and suspension of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of engine, transmission, and suspension components.

**AUT 100 (3.0 UNITS)**

**Small Gasoline Engines**

**Term Hours: 36 Lec, 36 Lab**

**Letter Grade only**

This course covers the fundamentals of small gasoline engines, including the identification and repair of damage to the engine, transmission, and suspension of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of engine, transmission, and suspension components.

**AUT 110 (4.0 UNITS)**

**Engine Technology**

**Term Hours: 36 Lec, 108 Lab**

**Letter Grade only**

This course covers the fundamentals of engine technology, including the identification and repair of damage to the engine, transmission, and suspension of a vehicle. Topics include the use of repair manuals, the identification of damage, and the repair of engine, transmission, and suspension components.

**AUT 120 (4.0 UNITS)**

**Automotive Machine Shop**

**Term Hours: 36 Lec, 108 Lab**

**Letter Grade only**

. e\_ / / e\_ e\_ Pre . r . ti . : A 110 r t e rs f j s\_ . ut / e\_ . is . e ie . . . . . e\_ stur f t e i ter . \_ / Tusti . e . i e . . . . . sef i e r e f ures i t e use f ut / ti e / . \_ i e s . t s . . . . / . \_ i e s f r r e T u i e i . t e e . i e . . . .

**AUT 122 (4.0 UNITS)**

**High Performance Engine Blueprinting I**

**Term Hours: 36 Lec, 108 Lab**

**Letter Grade only**

. e\_ / / e\_ e\_ Pre . r . ti . : A 0 0 A 110 A 1 0 r t e rs j s\_ . ut s . e stur e t e r . s . . . . . e\_ set- u . . . . . e r . ti . . . . . r e f ures f / . \_ i e s . . . . . equi / e t f r e . i e T u e r i ti . . . . . e stur e t i e r t e r e f ures use t \_ / . . . . . e t e t e / . \_ i i . . . . . f t e e . i e T . . . . . \_ / . . . . . e t . r t s e e j e r e s e t e e s t . e r . . . . . j . . . . . e r f r / . . . . . i . ti . s . i T e j j t e r . . . . . tr . s i e r . T e A A e e r e e . !

**AUT 125 (4.0 UNITS)**

**Automotive Brakes**

**Term Hours: 54 Lec, 54 Lab**

**Letter Grade only**

. e\_ / / e\_ e\_ Pre . r . ti . : j u r r e t e r / e t i . A 0 0 r equi . e t . is \_urse \_erst e . ri \_i es . . . . . i stru \_ti . i . i s s e / T i s e . i . e . . . . . e P t e T e . . . . . s t u P e P i . e u s t / e P i . . . . . e r . u . r e f ures . . . . . e r . e use f t s . . . . . e qu i / e t ut i i e i t e i e u s t r . . . . . s u \_ess / u \_ / . . . . . e t i . . . . . f t is \_urse stur e ts . re . re . . . . . r e c t t e t e A u t / t i e r i e E e e e e e . . . . . e l e r t i . . . . . e T e . . . . . e l / i e T e . . . . . i T e s . . . . .

**AUT 130 (3.0 UNITS)**

**Automotive Electronics I**

**Term Hours: 36 Lec, 54 Lab**

**Letter Grade only**

A . . . . . e\_ stur e f ut / t i e e e t r i \_ s s t e / s . . . . . s i \_ e i . . . . . s i s . . . . . e P s e r i e . r e f ures . . . . . t e . . . . . r i u s s t e / s . . . . .

**AUT 150 (4.0 UNITS)**

**Automotive Electronics II**

**Term Hours: 54 Lec, 54 Lab**

**Letter Grade only**

. e\_ / / e\_ e\_ Pre . r . r . . . . . 1 0 A . . . . . e\_ t r u t e s . . . . . t i . . . . . \_urses f r A u t / t i e r i e e . . . . . i . . . . . i s \_urse i s e s j . e f f r t e . . . . . i . s r s t u r e t s e r t i e r . . . . . r . t . . . . . t t s e r i e t e . ut / t i e e e t r . i . . . . . i r u i t r e \_urse . r i e s . s i c \_re f e e t r . i . . . . . s T . s e r . / i r . r e s s r t e . . . . . t u e t s . i . . . . . s e t e . . . . . r i u s s t e / s t i . . . . . u r e : e . i e \_ / . . . . . u t e r \_ . . . . . t r . s / i s s i . . . . . \_ / . . . . . u t e r \_ . . . . . t r s u s e . . . . . s i . . . . . t i . . . . . T e s t e / s . . . . . e r i u s . ut / t i e i s t r u / e t . . . . . t i . . . . . s u \_ess / u \_ / . . . . . e t i . . . . . f t is \_urse stur e ts . re . re . . . . . r e c t t e t e A u t / t i e r i e E e e e e e . . . . . e l e r t i \_ . . . . . t i . e l / i . . . . . t r . i s . . . . .

**AUT 155 (4.0 UNITS)**

**Suspension and Wheel Alignment**

**Term Hours: 54 Lec, 54 Lab**

**Letter Grade only**

. e\_ / / e\_ e\_ Pre . r . r . A 0 0 . . . . . r e qu i . e t e e P A 1 1 . . . . . is \_urse \_erst e . ri \_i es . . . . . e P . . . . . s t r u \_t r . . . . . f . . . . . s s e . e r i e . . . . . i e . . . . . e P i j t t r u \_steeri . . . . . s s i s . . . . . e P s u s e s T e . . . . . s s t e / E / . . . . . s i s i s . . . . . e . . . . . t e s i r e qu i r e e i t e e i . . . . . s i s r e . i r . . . . . e . . . . . u s t / e t f . . . . . e e . j . / e t i \_u r i . . . . . t . . . . . e P f u r . e e . j . . . . . / e t . . . . . e s / . . . . . e t e s u s e s i . . . . . e . . . . . e r . u . i T e r . e i . . . . . T . . . . . r t r i t i e s . . . . . e . . . . . j . / e t u i . e f t e r t r f u r . e e . . . . . s e s r s . . . . . s u \_ess / u \_ / . . . . . e t i . . . . . f t is \_urse stur e ts . re . re . . . . . r e c t t e t e A u t / t i e r i e E e e e e e . . . . . e l e r t i \_ . . . . . e l / i . e e r i . . . . . e e s u s e s T e . . . . .

**AUT 160 (3.0 UNITS)**

**Engine Performance Tune-up**

**Term Hours: 36 Lec, 54 Lab**

**Letter Grade only**

. e\_ / / e\_ e\_ Pre . r . ti . : A 1 0 r . s s i . . . . . f A u t / t i e . . . . . e r i e E e e e e e . . . . . e l e e t r i \_ t e s t r e e e r t r . e e e . . . . . e r i e . . . . . i e . . . . . i e t u e u . . . . . is \_urse . r i e s . e r t e r . . . . . e P . . . . . s P e e . . . . . P e P . . . . . e r . . . . . T u r e t r s f i . . . . . s i t r t t e T e . . . . . e . . . . . r t f u e i . . . . . e t i . . . . . s s t e / s . . . . . t u . . . . . e t s e . . . . . t u s e t e f u r . . . . . s e e e r s . . . . .

**AUT 170 (3.0 UNITS)**

**Engine Diagnosis and Repair**

**Term Hours: 36 Lec, 54 Lab**

**Letter Grade only**

t s e . . . . . R e . . . . . / / R e . . . . . e t . . . . . B r e . . . . . i r / t i e r P A . . . . . P Q T r r P . . . . . e e P i . . . . . s u P V s t P e e / P i . . . . . e L . . . . . t r . e . . . . . i t c r i . . . . . T i i t e l e r i e e . . . . . is \_urse . . . . . f i e s . . . . . e . . . . . e P e r . . . . . e P . . . . . s P e e . . . . . P e P . . . . . e r . . . . . e r . . . . . e P r e . . . . . i r s f s e s r s . . . . . e P . . . . . t u r s r i e i T e . . . . . s s t e / s . . . . . i s \_sse / . . . . . s i e s i . . . . . s t i \_r e f u r e . . . . . e t e . . . . . i q u e s . . . . . u s T . . . . . T i s i \_ . . . . . e P s . . . . . i s t i \_e . . . . . e P t e s t e q u i / e t . . . . .

**AUT 180 (4.0 UNITS)**

**Manual Transmissions and Power Trains**

**Term Hours: 54 Lec, 54 Lab**

**Letter Grade only**

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# BIOLOGY

## BIOL 080 (3.0 UNITS)

### Anatomy and Physiology Review

Term Hours: 54 Lec, 0 Lab

Pass/No Pass

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... e... te... \_... ur... se... i... \_... t... /... e... \_... si...  
P... r... ti... \_... ts... i... re... i... e... t... e... T... \_... e... ts... f... \_... t... /... e... \_... si...  
... i... \_... re... r... ti... \_... f... r... \_... i... e... i... \_... \_... e... t... T... e... \_... re... \_... t... e... E... e...  
... /... i... \_... ti... \_... i... \_... t... \_... se... \_... re... s... \_... e... re... T... t... is... \_... ur... se... f... r... e... /... i... \_... si...  
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## BIOL 090 (3.0 UNITS)

### Anatomy And Physiology For Health Occupations

Term Hours: 54 Lec, 0 Lab

Letter Grade only

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... e... e... q... u... e... i... e... s... e... t... P... \_... e... P... \_... :... P... \_... P... \_... \_... E... e... \_... s... \_... e... \_... \_... P... \_... L... P... \_... P... \_... s... \_... s... \_... r... s...  
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**BLDC 155 (3.0 UNITS)**

**Solar Thermal and Water Efficiency**

**Term Hours: 18 Lec, 108 Lab**

**Letter Grade only**

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t , es f \_ e i r s su \_ . sst r , e r t . - t , e . e t . e s s / ste / s  
/ st . , e Te e t . . . sis , i Testu e e f . , ri us , ter e ti , s s -  
e ti e ti , e P . / e \_ t u e e u ) i P T e P e , \_ P \_ , i P T e P e P \_ , u s \_ P e t P ti , i , u \_ \_ e P . e u \_ \_ e P P .

. e\_ / / e \_ e \_ Pre . r . ti . : L , f j



**BLDC 201 (3.0 UNITS)**

**Construction Planning and Management**

**Term Hours: 36 Lec, 54 Lab**

**Letter Grade only**

This course is a study of the use of the various construction methods, materials, and equipment in the construction of buildings, bridges, roads, and other structures. It covers the planning and management of construction projects, including the selection of materials, the estimation of costs, and the scheduling of work.

**BLDC 210 (3.0 UNITS)**

**Construction Management and Organization**

**Term Hours: 36 Lec, 54 Lab**

**Letter Grade only**

This course is a study of the management and organization of construction projects. It covers the selection of materials, the estimation of costs, and the scheduling of work. It also covers the organization of construction projects, including the selection of personnel, the assignment of tasks, and the monitoring of progress.

**BUSINESS ADMINISTRATION**

**BUS 010 (3.0 UNITS)**

**Practical Accounting**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

This course is a study of the practical aspects of accounting, including the recording of transactions, the preparation of financial statements, and the use of accounting information in business decision-making.

**BUS 060 (3.0 UNITS)**

**Essentials in Workplace Communication**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

This course is a study of the essentials of workplace communication, including the use of verbal and written communication, the use of non-verbal communication, and the use of communication technology in the workplace.

**BUS 061 (3.0 UNITS)**

**Business English**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**



**BUS 172 (3.0 UNITS)**

**Office Technology and Procedures II**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

Prerequisites: BUS 171



**CDEV 052 (1.0 UNIT)**

**Family Childcare Licensing and Resources**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

A student who is currently employed in a position that requires a license or certification in the field of early childhood education must provide proof of current licensure or certification. The AA degree requires a minimum of 18 semester hours of instruction.

**CDEV 100 (3.0 UNITS)**

**Principles and Practices of Teaching Young Children**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

An individual who is currently employed in a position that requires a license or certification in the field of early childhood education must provide proof of current licensure or certification. The AA degree requires a minimum of 54 semester hours of instruction. This course is designed to provide students with the knowledge and skills necessary to become effective teachers of young children. The course covers the principles and practices of teaching young children, including child development, learning styles, and classroom management. Students will also learn about the role of the teacher and the importance of creating a positive learning environment for young children.



**CDEV 212 (3.0 UNITS)**

**Adult Supervision in Child Development Programs**

Term Hours: 54 Lec, 0 Lab

Letter Grade only

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s... / / u i-ti, /, putsu e r te / Tui ei, / )

**CDEV 220 (3.0 UNITS)**

**Infant Toddler Development**

Term Hours: 54 Lec, 0 Lab

Letter Grade only

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**CDEV 221 (3.0 UNITS)**

**Infant Toddler Curriculum**

Term Hours: 54 Lec, 0 Lab

Letter Grade only

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**CIS 131 (1.0 UNIT)**

**Power Point II**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

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**CSI 106 (3.0 UNITS)**

**Correctional Interviewing and Counseling**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**CSI 108 (3.0 UNITS)**

**Control and Supervision of Inmates**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

... e... / / e... Pre... r... ti... :... / /... eti... f... E... L... O... r... /... er... E... L... 100... f... E... L... O... it... r... de... f... r... r... Letter... A... er... ie... f... s... u... er... i... s... i... f... i... /... tes... i... t... e... s... t... te... r... e... e... r... r... re... ti... i... s... t... i... t... u... t... i... s... e... i... s... s... u... e... s... f... r... t... r... i... u... t... i... u... /... r... /... i... s... t... i... t... u... t... i... s... e... i... i... t... r... u... i... s... i... s... i... t... u... t... i... s... i... T... e... i... t... r... e... u... e... r... f... e... i... s... s... e... e... e... u... r... s... e... i... e... /... s... i... e... t... e... r... e... e... r... T... t... e... f... e... r... r... e... t... e... r... re... ti... :... r... e... r... t... r... e... u... e... s... i... /... /... te... s... u... t... u... r... e... i... e... e... e... e... e... t... s... f... r... e... i... i... /... /... tes... r... e... s... t... e... r... e... s... s... e... s... u... i... t... e... i... q... u... e... s... f... r... r... re... ti... :... e... r... s... i... s... t... i... e... r... i... s... e... i... r... /... e... t... i... e... i... s... s... i... s... u... s... e... s... e... e... e... t... s... f... T... u... s... i... e... t... i... s... r... !

**COUNSELING**

**COUN 061 (1.0 UNIT)**

**Survival Skills for College Success**

**Term Hours: 18 Lec, 0 Lab**

**Pass/No Pass only**

A... u... r... s... e... i... s... e... t... s... s... i... s... t... a... s... s... i... s... t... u... e... t... s... i... t... e... a... q... u... i... s... i... t... i... o... n... f... t... e... i... q... u... e... s... u... s... e... f... u... i... t... e... r... e... e... /... e... t... f... e... r... i... s... i... s... i... e... r... i... c... i... i... f... r... /... ti... :... T... u... t... e... r... u... e... s... r... e... u... t... i... s... s... e... r... i... e... s... e... e... f... r... /... s... t... r... /... te... s... t... u... e... t... s... u... e... s... i... s... i... s... i... u... r... e... t... i... /... e... /... e... /... e... t... s... t... u... e... s... i... s... e... t... e... i... e... r... i... s... t... e... s... t... e... s... t... i... i... T... r... r... s... i... s... i... r... e... s... u... e... s... e... r... /... e... /... e... /... e... t... e... r... e... u... t... i... :... r... r... /... e... /... e... t... r... /... s... i... e... r... T... e... A... A... r... e... e... !

**COUN 100 (3.0 UNITS)**

**Personal and Career Development**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

... i... s... /... r... e... e... s... i... e... u... r... s... e... e... r... e... s... t... e... i... s... s... u... e... s... e... r... t... e... s... r... e... t... e... r... s... e... r... e... e... /... e... t... e... r... t... e... i... e... s... A... i... s... s... i... s... i... s... i... s... i... s... i... i... r... i... d... e... s... t... u... e... t... s... i... u... t... i... e... t... e... r... e... r... e... r... e... s... s... t... T... e... i... t... r... e... r... e... e... t... i... e... f... r... i... t... e... 1... s... t... e... t... u... r... T... e... r... /... i... s... i... u... r... e... s... s... e... s... /... e... t... f... i... t... e... r... e... s... t... e... r... s... i... t... u... r... e... r... e... i... s... t... i... s... t... r... /... s... i... e... r... T... e... s... i... s... e... r... /... u... e... s... u... r... e... e... r... e... i... r... t... i... :... e... e... i... s... i... /... i... s... t... r... e... t... e... i... e... s... T... e... r... r... e... r... t... i... :... i... u... r... e... s... e... e... /... e... t... f... r... e... s... u... /... e... u... e... r... e... t... t... e... r... !

... e... i... t... e... r... i... e... i... s... i... s... P... r... e... s... e... r... e... e... t... r... s... t... u... e... t... s... t... e... /... r... e... i... e... t... i... f... e... i... t... e... i... t... e... r... t... e... r... e... e... i... f... e... i... s... e... /... s... i... s... i... s... i... s... i... s... e... /... t... e... i... /... r... t... e... f... i... t... i... e... /... i... s... e... s... u... e... r... e... e... r... t... i... e... e... s... u... e... s... i... :... i... f... e... r... e... s... A... 00... T... e... e... i... T... e... r... e... r... !

**COUN 120 (3.0 UNITS)**

**College Success Skills**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**DENTAL ASSISTANT**

**DA 101 (3.0 UNITS)**

**Introduction to Dental Assisting**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**DA 104 (1.0 UNIT)**

**Occupational Health for the Dental Assistant**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

This course teaches the dental assistant the rules, regulations, and safety procedures that are required to enter the dental profession.



**DSPS 040 (2.0 UNITS)**

**Tactile Art for the Disabled**

**Term Hours: 0 Lec, 72 Lab**

**Pass/No Pass only**

Prerequisite: A student must be able to read and write. This course is designed to provide students with the opportunity to explore the world of tactile art. Students will learn about the history of tactile art and how to create their own tactile art projects. This course is designed to provide students with the opportunity to explore the world of tactile art. Students will learn about the history of tactile art and how to create their own tactile art projects.

**DSPS 044 (2.0 UNITS)**

**Current Issues**

**Term Hours: 36 Lec, 0 Lab**

**Pass/No Pass only**

Prerequisite: A student must be able to read and write. This course is designed to provide students with the opportunity to explore current issues in the field of disability studies. Students will learn about the history of disability studies and how to create their own disability studies projects. This course is designed to provide students with the opportunity to explore current issues in the field of disability studies. Students will learn about the history of disability studies and how to create their own disability studies projects.

**DSPS 050 (1.0 UNIT)**

**Adapted Keyboarding**

**Term Hours: 0 Lec, 18 Lab**

**Pass/No Pass only**

Prerequisite: A student must be able to read and write. This course is designed to provide students with the opportunity to learn adapted keyboarding skills. Students will learn about the history of adapted keyboarding and how to create their own adapted keyboarding projects. This course is designed to provide students with the opportunity to learn adapted keyboarding skills. Students will learn about the history of adapted keyboarding and how to create their own adapted keyboarding projects.

Prerequisite: A student must be able to read and write. This course is designed to provide students with the opportunity to learn adapted keyboarding skills. Students will learn about the history of adapted keyboarding and how to create their own adapted keyboarding projects. This course is designed to provide students with the opportunity to learn adapted keyboarding skills. Students will learn about the history of adapted keyboarding and how to create their own adapted keyboarding projects.

**DSPS 052 (0.5 UNITS)**

**Computer Access Evaluation**

**Term Hours: 0 Lec, 18 Lab**

**Pass/No Pass only**

Prerequisite: A student must be able to read and write. This course is designed to provide students with the opportunity to learn computer access evaluation skills. Students will learn about the history of computer access evaluation and how to create their own computer access evaluation projects. This course is designed to provide students with the opportunity to learn computer access evaluation skills. Students will learn about the history of computer access evaluation and how to create their own computer access evaluation projects.

Prerequisite: A student must be able to read and write. This course is designed to provide students with the opportunity to learn computer access evaluation skills. Students will learn about the history of computer access evaluation and how to create their own computer access evaluation projects. This course is designed to provide students with the opportunity to learn computer access evaluation skills. Students will learn about the history of computer access evaluation and how to create their own computer access evaluation projects.

**DSPS 250 (3.0 UNITS)**

**Working with Autistic Children**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

This course is designed to provide students with the opportunity to work with autistic children in a supervised setting. The course covers the theoretical and practical aspects of working with autistic children, including assessment, intervention, and communication strategies. Students will gain hands-on experience through role-playing and observation of professionals working with autistic children.

**ECONOMICS**

**ECON 101 (3.0 UNITS)**

**Introduction to Micro Economics**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Prerequisites: A 000, Introduction to Business, or Letter Grade C or better in any of the following: Economics, Business, or Social Science. This course introduces students to the basic principles of microeconomics, including supply and demand, market equilibrium, and the role of government in the economy. Students will analyze economic behavior and decision-making in various market structures.

**ECON 102 (3.0 UNITS)**

**Introduction to Macro Economics**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Prerequisites: A 000, Introduction to Business, or Letter Grade C or better in any of the following: Economics, Business, or Social Science. This course introduces students to the basic principles of macroeconomics, including national income, aggregate supply and demand, and the role of government in the economy. Students will analyze economic behavior and decision-making at the national level.

**EDUCATION**

**EDUC 202 (1.0 UNIT)**

**Tutor Training**

**Term Hours: 18 Lec, 0 Lab**

**Pass/No Pass only**

This course is designed to provide students with the opportunity to work as a tutor for students with learning disabilities. The course covers the theoretical and practical aspects of tutoring, including assessment, intervention, and communication strategies. Students will gain hands-on experience through role-playing and observation of professionals working with students with learning disabilities.

**EDUC 240 (3.0 UNITS)**

**Understanding Exceptional Students**

**Term Hours: 36 Lec, 36 Lab**

**Letter Grade only**

This course is designed to provide students with the opportunity to work with exceptional students in a supervised setting. The course covers the theoretical and practical aspects of working with exceptional students, including assessment, intervention, and communication strategies. Students will gain hands-on experience through role-playing and observation of professionals working with exceptional students.

This course is designed to provide students with the opportunity to work with exceptional students in a supervised setting. The course covers the theoretical and practical aspects of working with exceptional students, including assessment, intervention, and communication strategies. Students will gain hands-on experience through role-playing and observation of professionals working with exceptional students.

**EDUC 242 (2.0 UNITS)**

**Practicum Experience to Work With the Disabled Person**

**Term Hours: 18 Lec, 54 Lab**

**Letter Grade only**

This course is designed to provide students with the opportunity to work with disabled persons in a supervised setting. The course covers the theoretical and practical aspects of working with disabled persons, including assessment, intervention, and communication strategies. Students will gain hands-on experience through role-playing and observation of professionals working with disabled persons.

**EDUC 250 (3.0 UNITS)**

**Working With Autistic Children**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

This course is designed to provide students with the opportunity to work with autistic children in a supervised setting. The course covers the theoretical and practical aspects of working with autistic children, including assessment, intervention, and communication strategies. Students will gain hands-on experience through role-playing and observation of professionals working with autistic children.

**ELECTRICAL TRADES**

**ELTT 101 (4.0 UNITS)**

**Electrical Trades I**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

This course is designed to provide students with the opportunity to work in the electrical trades in a supervised setting. The course covers the theoretical and practical aspects of electrical trades, including safety, wiring, and installation. Students will gain hands-on experience through role-playing and observation of professionals working in the electrical trades.





## **ELECTRONICS**

**ELTR 120 (4.0 UNITS)**  
**Electronic Devices**



**EMTP 225 (3.5 UNITS)**

**EMT - Paramedic Clinical I**

**Term Hours: 0 Lec, 189 Lab**

**Letter Grade only**

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**EMTP 235 (6.5 UNITS)**

**EMT - Paramedic Field I**

**Term Hours: 0 Lec, 351 Lab**

**Letter Grade only**

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## ENGINEERING

### ENGR 210 (3.0 UNITS)

#### Statics

Term Hours: 54 Lec, 0 Lab

Letter Grade only

Prerequisites: P 100, it is a pre-requisite for Letter Grade only

Prerequisites: P 100, it is a pre-requisite for Letter Grade only

### ENGR 212 (3.0 UNITS)

#### Dynamics

Term Hours: 54 Lec, 0 Lab

Letter Grade only

Prerequisite: ENGR 210, it is a pre-requisite for Letter Grade only

Prerequisite: ENGR 210, it is a pre-requisite for Letter Grade only

### ENGR 240 (3.0 UNITS)

#### Electric Circuit Analysis

Term Hours: 54 Lec, 0 Lab

Letter Grade only

Prerequisites: A 100, it is a pre-requisite for Letter Grade only

Prerequisites: A 100, it is a pre-requisite for Letter Grade only

## ENGLISH

### ENGL 010 (4.0 UNITS)

#### English Composition - Accelerated

Term Hours: 54 Lec, 36 Lab

Letter Grade only

Accelerated English Composition - Accelerated

### ENGL 040 (5.0 UNITS)

#### Communication Skills for Healthcare Professionals I

**ENGL 041 (5.0 UNITS)**

**Communication Skills for Healthcare Professionals II**

**Term Hours: 90 Lec, 0 Lab**

**Letter Grade only**

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**ENGL 051 (1.0 UNIT)**

**Individualized Writing Skills**

**Term Hours: 0 Lec, 36 Lab**

**Pass/No Pass only**

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**ENGL 201 (3.0 UNITS)**  
**Advanced Composition**  
**Term Hours: 54 Lec, 0 Lab**  
**Letter Grade only**

**ENGL 250 (3.0 UNITS)**

**Creative Writing**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: ENGL 101, with a grade of C- or better

Corequisite: ENGL 250 or ENGL 251

► This course is designed to help students develop their writing skills through the study of creative writing. The course will focus on the development of the student's ability to write in a variety of genres, including fiction, non-fiction, and poetry. The course will also explore the history and theory of creative writing.





**ESL 025 (3.5 UNITS)**

**ESL Reading 3**

**Term Hours: 54 Lec, 18 Lab**

**Letter Grade only**

Prerequisites: ESL 010 or its equivalent or instructor's permission

This course is designed to assist students in further developing their reading skills. It includes a variety of reading materials, including newspaper articles, magazine articles, and test materials. The course also includes a variety of reading strategies, including skimming, scanning, and reading for detail. The course also includes a variety of reading activities, including reading aloud, reading silently, and reading for pleasure.

**ESL 029 (1.0 UNIT)**

**News and Current Events for ESL**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

This course is designed to help students understand current events and news. It includes a variety of news articles, including newspaper articles, magazine articles, and news broadcasts. The course also includes a variety of news activities, including reading news aloud, reading news silently, and discussing news. The course also includes a variety of news resources, including news websites, news apps, and news channels.

**ESL 031 (1.0 UNIT)**

**Verb Review 1**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

This course is designed to review basic verb forms and usage. It includes a variety of verb forms, including infinitives, gerunds, participles, and verbals. The course also includes a variety of verb usage activities, including identifying verb forms, using verb forms in sentences, and discussing verb usage.

**ESL 041 (1.0 UNIT)**

**Conversation 1**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

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**ESL 060 (1.0 UNIT)**

**Vocabulary 1**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

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**ESL 069 (1.0 UNIT)**

**Vocabulary 10**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

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**FIRE 130 (5.5 UNITS)**

**Basic Fire Academy I**

**Term Hours: 83 Lec, 47 Lab**

**Letter Grade only**

Prerequisites: Successful completion of Fire Academy I  
Prerequisites: Successful completion of Fire Academy I

Prerequisites: Successful completion of Fire Academy I  
Prerequisites: Successful completion of Fire Academy I

Prerequisites: Successful completion of Fire Academy I  
Prerequisites: Successful completion of Fire Academy I

**FIRE 131 (6.0 UNITS)**

**Basic Fire Academy II**

**Term Hours: 97 Lec, 27 Lab**

**Letter Grade only**

Prerequisites: Successful completion of Fire Academy I

Prerequisites: Successful completion of Fire Academy I  
Prerequisites: Successful completion of Fire Academy I

Prerequisites: Successful completion of Fire Academy I  
Prerequisites: Successful completion of Fire Academy I

**FIRE 220 (2.5 UNITS)**

**Fire Apparatus 1A - Driver**

**Term Hours: 45 Lec, 0 Lab**

**Letter Grade only**

Prerequisites: Successful completion of Fire Academy I

Prerequisites: Successful completion of Fire Academy I

Prerequisites: Successful completion of Fire Academy I  
Prerequisites: Successful completion of Fire Academy I





**FIRE 233 (2.5 UNITS)**

**Fire Command 1C**

Term Hours: 45 Lec, 0 Lab

Letter Grade only

Prerequisites: FIRE 101, FIRE 102, Fire Incident Investigation Letter  
 A fire incident is a fire that has occurred, or is occurring, which is of a nature that requires the attention of fire department personnel. This course covers the fire incident investigation process from the initial report to the final report. Prerequisites: FIRE 101, FIRE 102

Prerequisites: FIRE 101, FIRE 102, Fire Incident Investigation Letter  
 This course is designed for fire department personnel who are involved in fire incident investigations. The course covers the fire incident investigation process from the initial report to the final report. Prerequisites: FIRE 101, FIRE 102, Fire Incident Investigation Letter

**FIRE 234 (2.5 UNITS)**

**Fire Prevention 1C**

Term Hours: 45 Lec, 0 Lab

Letter Grade only

Prerequisites: FIRE 101, FIRE 102, Fire Incident Investigation Letter  
 This course is designed for fire department personnel who are involved in fire prevention. The course covers the fire prevention process from the initial report to the final report. Prerequisites: FIRE 101, FIRE 102, Fire Incident Investigation Letter

**FREN 211 (5.0 UNITS)**

**Intermediate French II**

**Term Hours: 90 Lec, 0 Lab**

**Letter Grade only**

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**FREN 220 (3.0 UNITS)**

**Intermediate French Reading and Writing**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**FREN 230 (3.0 UNITS)**

**Intermediate Conversational French I**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**FREN 232 (3.0 UNITS)**

**Intermediate Conversational French II**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Credit/No Credit**

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**FREN 297 (1.0 UNIT)**

**French - Honors**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade or Credit/No Credit**

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**GEOGRAPHY**

**GEOG 100 (3.0 UNITS)**

**Physical Geography**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**GEOG 102 (3.0 UNITS)**

**Cultural Geography**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**GEOG 108 (3.0 UNITS)**

**World Regional Geography**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

**GEOL 110 (3.0 UNITS)**

**Earth and Space Science**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

This introductory course covers the basic principles of geology, including the study of the Earth's structure, composition, and history. It also includes an overview of the solar system and the universe.

Prerequisites: None. Corequisites: None. This course is designed for students who are new to geology and provides a solid foundation for further study in the field. The course is taught in a lecture format and includes a variety of activities to enhance learning, such as field trips and laboratory exercises.





**JRN 101 (3.0 UNITS)**

**Multimedia News Writing and Reporting**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

This course is for journalism students, it is a practical, interactive, and experiential course that focuses on the writing and reporting process. The course covers the fundamentals of journalism, including news writing, editing, and multimedia reporting. Students will learn how to gather information, write news stories, and produce multimedia content.

**JRN 102 (3.0 UNITS)**

**Newspaper Production**

**Term Hours: 0 Lec, 108 Lab**

**Letter Grade only**

This course is a hands-on experience for journalism students. It focuses on the production of a newspaper, from the selection of stories to the final layout and printing. Students will learn the technical aspects of newspaper production, including typesetting, proofreading, and the use of production software.

**JRN 104 (3.0 UNITS)**

**Career Journalism**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

This course is designed to help journalism students explore various career paths in the field. It covers the job market, resume writing, interview techniques, and the importance of networking. Students will gain insight into the different roles and responsibilities within the journalism industry.

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**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

## LEGAL ASSISTANT

**LEGL 115 (3.0 UNITS)**

**Legal Procedures**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Legal Procedures: This course provides a comprehensive overview of the legal process. It covers the roles and responsibilities of various legal professionals, including attorneys, judges, and court staff. The course also examines the structure of the legal system, from local courts to the federal judiciary. Students will learn about the stages of a lawsuit, from filing a complaint to the final judgment. Key areas of focus include civil and criminal procedure, evidence, and trial technique. The course is designed to provide students with a practical understanding of the law and the skills necessary to function effectively in a legal setting. Prerequisite: None. Credit: 3.0 units.

**LEGL 121 (3.0 UNITS)**

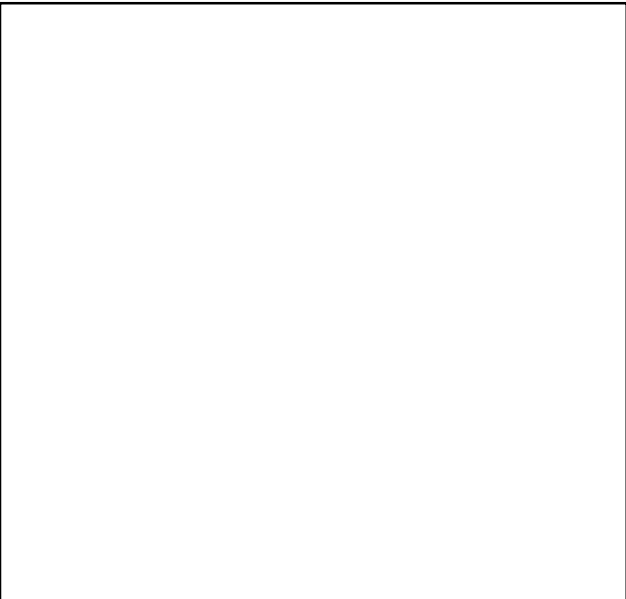
**Legal Research**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**



## MATHEMATICS



### MATH 080 (3.0 UNITS)

#### Beginning Algebra

Term Hours: 54 Lec, 0 Lab

Letter Grade only

Prerequisite: A 000, it is required for Letter grade, require  
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### MATH 040 (1.0 UNIT)

#### Math Study Skills

Term Hours: 18 Lec, 0 Lab

Pass/No Pass only

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### MATH 060 (1.0 UNIT)

#### Math Lab

Term Hours: 0 Lec, 36 Lab

Pass/No Pass only

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### MATH 070 (3.0 UNITS)

#### Basic Mathematics

Term Hours: 54 Lec, 0 Lab

Letter Grade only

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**MATH 112 (3.0 UNITS)**

**Geometry In Elementary Mathematics**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**MATH 113 (1.0 UNIT)**

**Mathematics Software - Geometer's Sketchpad**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: /, e t i, f, A 00, it, r, de f, rTetter  
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**MATH 114 (1.0 UNIT)**

**Children's Mathematical Thinking**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

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**MATH 190 (5.0 UNITS)**

**Pre-Calculus**

**Term Hours: 90 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: A 10 requirement, or placement test score of 25 or higher on the placement test.

This course is designed to prepare students for the study of calculus. Topics include: sets, real numbers, functions, graphs, linear and quadratic functions, rational functions, exponential and logarithmic functions, trigonometric functions, and polar coordinates.

**MATH 192 (5.0 UNITS)**

**Calculus I**

**Term Hours: 90 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: A 10 requirement, or placement test score of 25 or higher on the placement test.

This course covers the first semester of calculus. Topics include: limits, continuity, differentiation, and integration. Applications of calculus are also covered.

**MATH 194 (5.0 UNITS)**

**Calculus II**

**Term Hours: 90 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: A 10 requirement, or placement test score of 25 or higher on the placement test.

This course covers the second semester of calculus. Topics include: integration techniques, applications of integration, polar coordinates, and vector calculus.

**MATH 210 (5.0 UNITS)**

**Calculus III**

**Term Hours: 90 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: A 10 requirement, or placement test score of 25 or higher on the placement test.

**MUS 104 (3.0 UNITS)**

**Introduction to Twentieth-Century Music**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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**MUS 110 (2.0 UNITS)**

**Beginning Musicianship I**

**Term Hours: 36 Lec, 0 Lab**

**Letter Grade only**

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**MUS 112 (2.0 UNITS)**

**Beginning Musicianship II**

**Term Hours: 36 Lec, 0 Lab**

**Letter Grade only**

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**MUS 120 (3.0 UNITS)**

**Beginning Harmony I**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade or Pass/No Pass**

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**NURS 094 (1.0 UNIT)**

**Nursing ReEntry Skills Laboratory III**

**Term Hours: 0 Lec, 54 Lab**

**Pass/No Pass only**

Prerequisite: Successful completion of NURS 093 or equivalent nursing laboratory course.  
Prerequisite: Enrollment in NURS 093 or equivalent nursing laboratory course.  
Corequisite: Successful completion of NURS 093 or equivalent nursing laboratory course.  
This course is designed to provide the student with the opportunity to practice and demonstrate the skills and knowledge acquired in the previous nursing laboratory courses. The course focuses on the application of nursing skills and knowledge in a clinical setting. The student will be expected to perform a variety of nursing tasks, including but not limited to: assessment, diagnosis, planning, implementation, and evaluation. The course also emphasizes the importance of professional behavior and communication skills in the nursing profession.

**NURS 111 (1.5 UNITS)**  
**Nursing Skills Laboratory I**

**Term Hours: 0 Lec, 81 Lab**  
**Letter Grade only**

Prerequisite s: e/ . str. ti . f . t / / . ete — e/ . str. ti . f . e fi . / / . ete — E . is 101 R 101 L 00 . F 0 . L 0 . F 0 L 0 / 101 . A 1 0 P 100 . 100 . it . r . e s f / r Tetter . . e / issi . t t e ursi . r . r /  
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**NURS 112 (4.0 UNITS)**  
**Nursing Process Application I**  
**Term Hours: 0 Lec, 216 Lab**  
**Letter Grade only**

Prerequisite s: e/ . str. ti . f . t / / . ete — e/ . str. ti . f . e fi . / / . ete — E . is 101 R 101 L 00 . F 0 . L 0 . F 0 L 0 / 101 . A 1 0 P 100 . 100 . it . r . e s f / r Tetter . . e / issi . t t e ursi . r . r /  
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**NURS 113 (1.5 UNITS)**  
**Pharmacology I**  
**Term Hours: 27 Lec, 0 Lab**  
**Letter Grade only**

Prerequisites: e/ . str. ti . f . t / / . ete — e/ . str. ti . f . e fi . / / . ete — E . L 101 R 101 / 101 r A 10 L 0 L 0 . F L 0 r L 00 . F L 0 . F 100 . . it . r . e e f / r Tetter  
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**NURS 121 (1.0 UNIT)**  
**Nursing Skills Laboratory II**  
**Term Hours: 0 Lec, 54 Lab**  
**Letter Grade only**

Prerequisite s: 110 111 11 11  
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**NURS 123 (1.5 UNITS)**  
**Pharmacology II**  
**Term Hours: 27 Lec, 0 Lab**  
**Letter Grade only**

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**NURS 125 (8.5 UNITS)**



**NURS 126 (3.0 UNITS)**  
**Physical Assessment Skills**  
**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: NURS 101  
Corequisite: NURS 102  
This course is designed to provide the student with the knowledge and skills necessary to perform a physical assessment of the adult patient. The student will learn to identify normal and abnormal findings and to document findings accurately. The student will also learn to communicate findings to the healthcare team.

**NURS 204 (3.0 UNITS)**  
**Transition to A.S. Degree Nursing**  
**Term Hours: 45 Lec, 27 Lab**  
**Letter Grade only**

Prerequisite: NURS 101  
Corequisite: NURS 102  
This course is designed to provide the student with the knowledge and skills necessary to perform a physical assessment of the adult patient. The student will learn to identify normal and abnormal findings and to document findings accurately. The student will also learn to communicate findings to the healthcare team.

Prerequisite: NURS 101  
Corequisite: NURS 102  
This course is designed to provide the student with the knowledge and skills necessary to perform a physical assessment of the adult patient. The student will learn to identify normal and abnormal findings and to document findings accurately. The student will also learn to communicate findings to the healthcare team.

**NURS 225 (1.0 UNIT)**

**Psychiatric & Mental Health Nursing Applications**

**Term Hours: 0 Lec, 54 Lab**

**Letter Grade only**

Prerequisites: NURS 111, NURS 115, NURS 122, or Letter

Prerequisites: NURS 111, NURS 115, NURS 122  
This course, which is designed to provide the student with the theoretical and practical aspects of psychiatric and mental health nursing. The student will learn the principles of psychiatric nursing and the application of these principles in the clinical setting. The student will also learn the principles of mental health nursing and the application of these principles in the clinical setting.

**NURS 230 (1.0 UNIT)**

**Nursing Trends**

**Term Hours: 18 Lec, 0 Lab**

**Letter Grade only**

Prerequisites: NURS 111, NURS 115, NURS 122, or Letter

Prerequisites: NURS 111, NURS 115, NURS 122, or Letter  
This course is designed to provide the student with the theoretical and practical aspects of nursing trends. The student will learn the principles of nursing trends and the application of these principles in the clinical setting. The student will also learn the principles of nursing trends and the application of these principles in the clinical setting.

**NURS 231 (8.5 UNITS)**

**Nursing Process and Application III**

**Term Hours: 81 Lec, 216 Lab**

**Letter Grade only**

Prerequisite: NURS 111, NURS 122, NURS 115, or Letter

Prerequisite: NURS 111, NURS 122, NURS 115, or Letter  
This course is designed to provide the student with the theoretical and practical aspects of the nursing process and application. The student will learn the principles of the nursing process and the application of these principles in the clinical setting. The student will also learn the principles of the nursing process and the application of these principles in the clinical setting.



**VN 122 (5.5 UNITS)**

**Common Health Problems I**

**Term Hours: 45 Lec, 162 Lab**

**Letter Grade only**

Prerequisite: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

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**VN 124 (2.0 UNITS)**

**Pharmacology II**

**Term Hours: 36 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

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t i e s . e t er . e uti \_use f e e r u e . ur s i e t i e s . e  
r t i e e f r . ur s i e t i e s . re \_ ere e / i i e e i \_ti e i s i -

**PHIL 104 (3.0 UNITS)**

**Ethics**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

A b i t r a r i t s j i t e t i n u e t e r i e s s e s t e / s i e s s e s t e r t e s s u t e r i e s s e t e l i E / s i s s e s t e t e i s t u e t s t i t i e t e i r s e s t e / s i e s E 10 ! r e c i t i / i t e e e u s e r l

**PHIL 106 (3.0 UNITS)**

**Logic**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: E L 101, i t r e e f r t e t t e r A b i t r a r i t e r e u t i e r e u t i e i A t t e t i f u s e r u t e r e t i s i T e t e e i e r e s e s t e u s e f i e r e i r e r e c i t i / i t e e e u s e r l

**PHYSICAL EDUCATION**

**PE 100 (2.0 UNITS)**

**Lifetime Exercise Science**

**Term Hours: 18 Lec, 36 Lab**

**Letter Grade only**

i s u r s e s j e t e / s i e r e s j e u e r s t e i t e e t i e s e t e t e s s f r i e r e s s e s t e t i T e e q u i e t s s e s t e i r r e s e t e s s t u s i t e T i t t r i t e r s i e r t e s s r r r e e e i t t e s s r r / e u r s e i f u s e r e s e r e s e r e u r e e j t t r s t r e t i t i t r e r e t i r e c i t i / i t e e e u s e r l

**PE 102 (1.0 UNIT)**

**Physical Fitness**

**Term Hours: 0 Lec, 36 Lab**

**Letter Grade only**

i s u r s e s j e t e / s i e s i t i i r e e e e / e t E q u i s t e s t u e t i t r e e r t i r e e r e s e s t e t i t i t i e s i t e u s e t / i t i s i t e s s t r u t e e e e u t i r e i / u r e c i t i / i t e e e u s e r l

**PE 103 (1.0 UNIT)**

**Physical Fitness, Women**

**Term Hours: 0 Lec, 36 Lab**

**Letter Grade only**

i s u r s e s j e t e / s i e s i t i i r e e e e / e t E q u i s t e s t u e t i t r e e r t i r e e r e s e s t e t i t i t i e s i t e u s e t / i t i s i t e s s t r u t e e e e u t i r e i / u r e c i t i / i t e e e u s e r l

**PE 104 (1.0 UNIT)**

**Weight Training**

**Term Hours: 0 Lec, 36 Lab**

**Letter Grade only**

A u r s e s j e t r e s e t t e t s i u e / e t s e j t t r i i s u s t e e j t r r t u s r e r i t i t e i q u e s t s i e e e f s e i / u s e r u s E q u i s t e s t u e t s i t r i e t e r e s e s t e t i t i e s i t e u s e t / i t i s i t e s s t r u t e e e e u t i r e i / u r e c i t i / i t e e e u s e r l

**PE 105 (1.0 UNIT)**

**Public Safety Fitness**

**Term Hours: 0 Lec, 36 Lab**

**Letter Grade or Pass/No Pass**

e u r s e s t i s u r s e i s t s s i s t s t u e t s i t e i r s i t e s s e t i i s e i t P u T i t e t e i e s t u e t s i e e i r i e t e r e s e s t e t i t i e s e s j e t e t e / s s t e r e q u i r e e s i t e s s t e r e s u s e r T P u T i t e t e i e s i r i r r r / t i E / s i s i T e e e e r T i e r T i s t r e t t P T P T e i P P i E q ( 1

**PE 110 (2.0 UNITS)**

**Physical Education Activity - Military Service**

**Term Hours: 0 Lec, 0 Lab**

**Pass/No Pass only**

Prerequisite: successful completion of T. si reuit tr i i ,



**PE 152 (2.0 UNITS)**  
**Intercollegiate Soccer and PE**

**Term Hours: 0 Lec, 180 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 153 (2.0 UNITS)**  
**Intercollegiate Softball and PE**

**Term Hours: 0 Lec, 180 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 154 (2.0 UNITS)**  
**Intercollegiate Tennis and PE**

**Term Hours: 0 Lec, 180 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 155 (2.0 UNITS)**  
**Intercollegiate Volleyball and PE**

**Term Hours: 0 Lec, 180 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 156 (2.0 UNITS)**  
**Intercollegiate Cross Country and PE**

**Term Hours: 0 Lec, 180 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 161 (1.5 UNITS)**  
**Pre-Season Conditioning for Athletes**

**Term Hours: 0 Lec, 54 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 162 (1.5 UNITS)**  
**In Season Conditioning for Athletes**

**Term Hours: 0 Lec, 54 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 163 (2.0 UNITS)**  
**Song and Cheer**

**Term Hours: 0 Lec, 72 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 170 (1.0 UNIT)**  
**Beginning Bowling**

**Term Hours: 0 Lec, 36 Lab**  
**Letter Grade only**

Prerequisites: Eji iTi it i Te pater/ i ef T / fere e ru es / / uice i es i t e / / e ef Pre r ti : Pri r e T e / e rie e i / / t eti te / / is s is esj , ef f r t e , re r ti / / e tr i i , i e , it i ter e i te e T / / etiti / / i/ u/ / efit i/ ur u its / / efit i/ ite e e. u se r!

**PE 171 (1.0 UNIT)**  
**Intermediate Bowling**

**Term Hours: 0 Lec, 36 Lab**  
**Letter Grade only**







**PSY 130 (3.0 UNITS)**  
**Group Leadership and Group Process**



**SOC 124 (3.0 UNITS)**

**Criminology**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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is \_urse e / rest e / ture / i / e / e sure / e t / e rese r \_  
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i / t / ies i / i / us ti \_s ste / res / set i / e / e s i -  
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**SOC 150 (3.0 UNITS)**

**Sociology of Minority Groups**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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/ i s t r i \_ / s i s / t e / r T e / s / t e s e / r u s / e t / i \_  
/ r e s / i / i \_ u e r / i s / s e / i s / e i s / e t / i \_ e r e j i u s  
e i s i / i / ti / e / e s A 1 / 0 / !

**SOC 206 (3.0 UNITS)**

**Social Psychology**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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t i / s / T e t / e e t e i / e j i e u / e s i e t / is \_urse i \_ures  
s u \_ t / i \_ s / s e / e t / e t / e s i / e e t i t / r u T e / i r / e  
/ r u / e / T e r s i / e / e s B 0 / !

**SPAN 220**

**Bilingual**

**Term Hours:**

**Letter Grade**

**Prerequisite:**

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**SPAN 221**

**Bilingual Sp**

**Term Hours:**

**Letter Grade**

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**SPAN 222**

**Bilingual Or**

**Term Hours:**

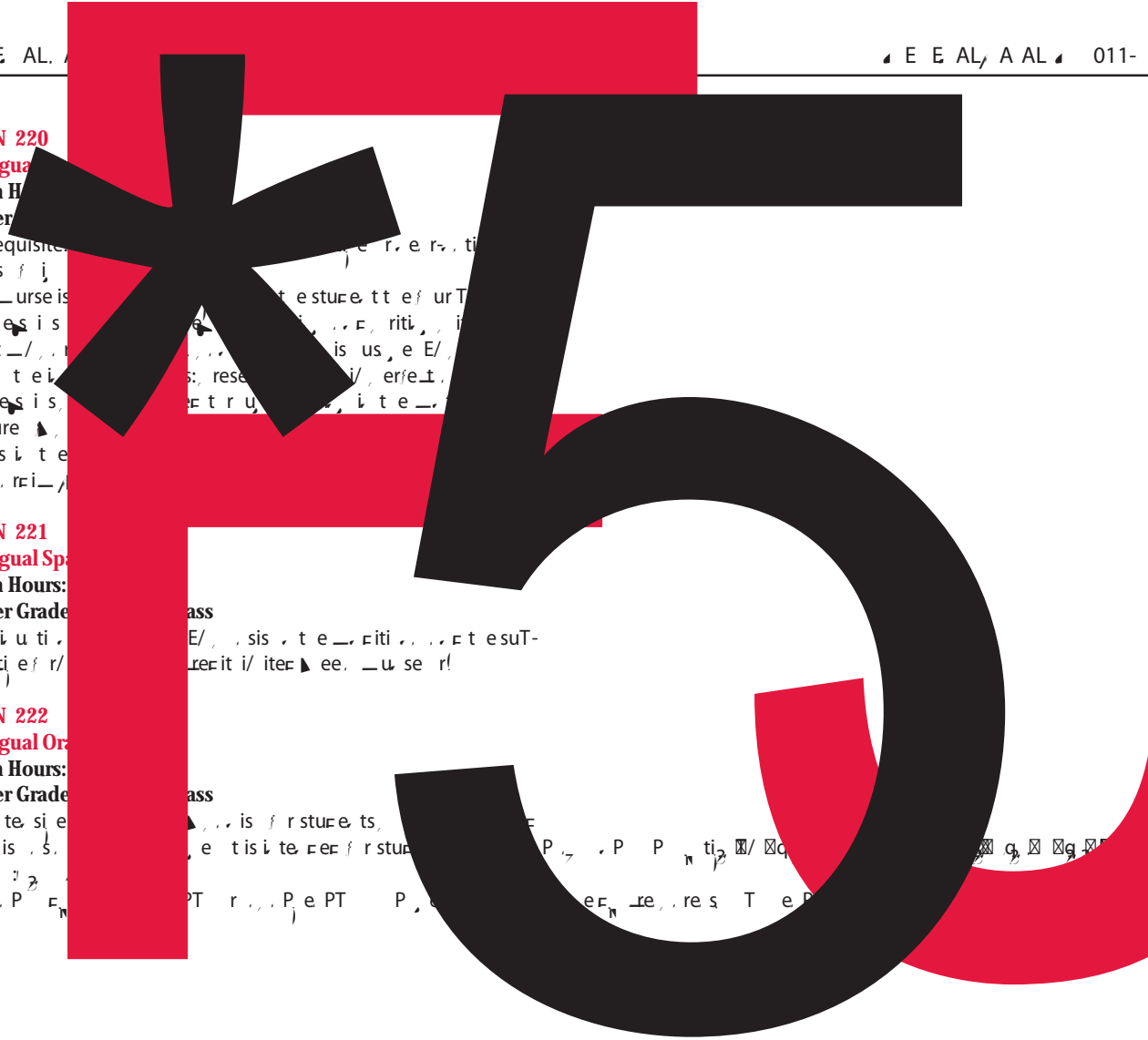
**Letter Grade**

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**SPCH 150 (3.0 UNITS)**

**Intercultural Communication**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

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... is ... ter ... tur ... / ... / ... u ... i ... ti ... , ... urse ... f ... uses ... , t ... estue ... f ... -  
/ ... u ... i ... ti ... . Te ... t ... ee ... , ... e ... f ... e ... t ... utures ... e ... f ... i ... s ... i ... e ... f ... is ...  
... sses ... t ... e ... re ... ti ... s ... i ... Te ... t ... ee ... t ... ure ... , ... e ... / ... / ... u ... i ... ti ... . A ...  
e ... / ... , ... sis ... , ... s ... i ... er ... T ... , ... e ... , ... er ... T ... , ... u ... e ... e ... s ... / ... / ... u ... i ...  
... ti ... . Tre ... , ... s ... , ... e ... t ... res ... uti ... , ... i ... Te ... e ... / ... i ... e ... is ...  
... urse ... is ... i ... ti ... t ... stue ... f ... . e ... s ... t ... require ... t ... i ... t ... it ... t ... ers ...  
... r ... , ... re ... ess ... f ... utur ... e ... i ... s ... i ... s ... e ... i ... t ... se ... , ... ursui ... , ...  
... reer ... i ... s ... ee ... / ... / ... u ... i ... ti ... s ... i ... ter ... ti ... . Tus ... i ... ess ... Tus ... i ... ess ... e ...  
... u ... ti ... , ... s ... i ... s ... i ... e ... s ... , ... ursi ... , ... / ... s ... / ... / ... u ... i ... ti ... s ... , ... e ... t ... e ... i ... ,  
/ ... / ... / ... / ... !

**SPCH 180 (3.0 UNITS)**

**Argumentation and Debate**

**Term Hours: 54 Lec, 0 Lab**

**Letter Grade only**

... e ... / ... e ... e ... Pre ... r ... ti ... , ... P ... 100  
A ... i ... tr ... e ... u ... i ... t ... e ... t ... te ... it ... e ... / ... , ... sis ... , ... t ... e ... re ... ti ... , ... e ... re ... f ... u ...  
... t ... ti ... , ... f ... r ... u ... / ... e ... t ... s ... , ... er ... i ... , ... urre ... t ... s ... i ... , ... i ... ti ... , ... e ... , ... is ...  
... sses / ... / ... / ... / ... !





## WORK EXPERIENCE

### WE 201 (1.0 UNIT)

#### Employment Readiness

Term Hours: 18 Lec, 0 Lab

Letter Grade or Pass/No Pass

A course that teaches students the skills and knowledge necessary to be successful in the workplace. Topics include resume writing, job application, interview techniques, workplace communication, and workplace safety. The course also includes a field trip to a local business.

### WE 210 (1.0 - 3.0 UNITS)

#### General Work Experience

Term Hours: 0 Lec, 63 Lab

Letter Grade or Pass/No Pass

Prerequisite: Must be at least a junior in college. A sequence of courses that provide students with general work experience. The sequence includes a variety of work experiences in different settings, including a field trip to a local business.

### W2cc 210 (1.4 - 3.0 UNITS)

e

Term Hours: 0 Lec, 63 Lab

Letter Grade or Pass/No Pass

### APPRENTICESHIP-ELECTRICIAN

#### APEL 105 (4.0 UNITS)

##### Electrician V

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite s: EL 10 -E e t r i c i a n

... stru t i o n s r e l a t e d t o t h e i n s t a l l a t i o n o f e l e c t r i c a l s y s t e m s i n a c c o r d a n c e w i t h t h e N e c a n d l o c a l e l e c t r i c a l c o d e s . T h e s t u d e n t m u s t b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s . T h e s t u d e n t m u s t a l s o b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s .

#### APEL 106 (4.0 UNITS)

##### Electrician VI

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: APEL 105 -E e t r i c i a n

... r e s i s t a n c e a n d i n d u c t i v e r e s i s t a n c e . T h e s t u d e n t m u s t b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s . T h e s t u d e n t m u s t a l s o b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s .

#### APEL 107 (4.0 UNITS)

##### Electrician VII

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: APEL 106 -E e t r i c i a n

... s t r u t u r e s a n d i n s t a l l a t i o n s o f e l e c t r i c a l s y s t e m s i n a c c o r d a n c e w i t h t h e N e c a n d l o c a l e l e c t r i c a l c o d e s . T h e s t u d e n t m u s t b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s . T h e s t u d e n t m u s t a l s o b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s .

#### APEL 108 (4.0 UNITS)

##### Electrician VIII

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: APEL 107 -E e t r i c i a n

... r e s i s t a n c e a n d i n d u c t i v e r e s i s t a n c e . T h e s t u d e n t m u s t b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s . T h e s t u d e n t m u s t a l s o b e a b l e t o i n t e r p r e t a n d a p p l y t h e r e l e v a n t a r t i c l e s o f t h e N e c a n d l o c a l e l e c t r i c a l c o d e s .

APPRENTICESHIP-GENERATION MECHANIC

APGN 105 (4.0 UNITS)

Generation Mechanic V

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: EL 10 -E\_e\_t\_r\_i\_ r\_ \_e\_s\_.

/ / re e si ere ie i A t e r \_ \_ i \_ t i \_ \_ \_ e \_ e r \_ t i \_ i e s s t e / s \_ u \_ / e t e r \_ i t \_ \_ i t r e u t i \_ \_ f r e e t r i \_ \_ e r \_ e r \_ t i \_ \_ i s \_ t \_ i \_ \_ e r \_ \_ e r \_ t i \_ s \_ \_ r e \_ t e r \_ \_ s t r u t i \_ \_ s t \_ e \_ r \_ s \_ \_ t r \_ s i e r \_ T e A A \_ \_ e \_ r e e \_ \_ !

APGN 106 (4.0 UNITS)

Generation Mechanic VI

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: AP 105 e e r t i \_ \_ e \_ \_ i \_ \_

A e \_ \_ e r t e r i t e u s e f r u e s \_ \_ r e q u i t i s s e i i e r e q u i / e t r e i r \_ \_ / i t e \_ \_ e f e r \_ \_ e r t r s s i e t \_ \_ r \_ t i e s \_ \_ s t r e q u i r e / e t s \_ \_ e r t r s s t e / s \_ \_ t r \_ s i e r \_ T e A A \_ \_ e \_ r e e \_ \_ !

APGN 107 (4.0 UNITS)

Generation Mechanic VII

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisites: AP 10 e e r t i \_ \_ e \_ \_ i \_ \_

A e \_ \_ e r t e r i t e u s e f r u e s \_ \_ r e q u i t i s s e i i e r e q u i / e t r e i r \_ \_ / i t e \_ \_ e f e r \_ \_ e r t r s s i e t \_ \_ r \_ t i e s \_ \_ s t r e q u i r e / e t s \_ \_ e r t r s s t e / s \_ \_ t r \_ s i e r \_ T e A A \_ \_ e \_ r e e \_ \_ !

APGN 108 (4.0 UNITS)

Generation Mechanic VII

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: AP 10 e e r t i \_ \_ e \_ \_ i \_ \_

/ / re e si ere ie i A t e r \_ \_ e \_ \_ e r t r i i \_ i n s t r i - T u t i \_ \_ i e / i t e \_ \_ e i e t r / s i s s i \_ \_ s t r u t u r e s t r / s i s s i \_ \_ i e i s t \_ \_ i \_ \_ / T i \_ \_ s t e e \_ \_ e s \_ \_ e t \_ \_ e r s \_ \_ i \_ \_ e e - e r \_ \_ i e e i e s r i \_ \_ i \_ \_ f r i \_ \_ t \_ \_ e \_ \_ t t r / s i s s i \_ \_ i e r e - i r u s i \_ \_ t e / r r \_ \_ s t r u t u r e s \_ \_ e u s \_ \_ e f \_ \_ e s \_ \_ e t s t i \_ \_ s Pr e r t i \_ \_ f r t e \_ \_ t i \_ \_ E e t r i \_ \_ e \_ \_ u r e E A / \_ \_ t r \_ s i e r \_ T e A A \_ \_ e \_ r e e \_ \_ !

APPRENTICESHIP-HYDRO OPERATOR

APHY 105 (4.0 UNITS)

Hydro Operator V

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: EL 10 -E\_e\_t\_r\_i\_ r\_ \_e\_s\_.

/ / re e si ere ie i A t e r \_ \_ i \_ t i \_ \_ \_ e \_ e r \_ t i \_ i e s s t e / s \_ u \_ / e t e r \_ i t \_ \_ i t r e u t i \_ \_ f r e e t r i \_ \_ e r \_ e r \_ t i \_ \_ i s \_ t \_ i \_ \_ e r \_ \_ e r \_ t i \_ s \_ \_ r e \_ t e r \_ \_ s t r u t i \_ \_ s t \_ e \_ r \_ s \_ \_ t r \_ s i e r \_ T e \_ \_ e \_ r e e \_ \_ i \_ T e !

APHY 106 (4.0 UNITS)

Hydro Operator VI

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: AP 105 - e r \_ \_ e r \_ t r \_ .

A e \_ \_ e r t e r i e i A t e r \_ \_ i \_ t i \_ \_ \_ e \_ e r \_ t i \_ i e s s t e / s \_ u \_ / e t e r \_ i t \_ \_ i t r e u t i \_ \_ f r e e t r i \_ \_ e r \_ e r \_ t i \_ \_ i s \_ t \_ i \_ \_ e r \_ \_ e r \_ t i \_ s \_ \_ r e \_ t e r \_ \_ s t r u t i \_ \_ s t \_ e \_ r \_ s \_ \_ t r \_ s i e r \_ T e \_ \_ e \_ r e e \_ \_ i \_ T e !

APHY 107 (4.0 UNITS)

Hydro Operator VII

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: AP 10 - e r \_ \_ e r \_ t r \_ .

A e \_ \_ e r t e r i t e u s e f r u e s \_ \_ r e q u i t i s s e i i e r e q u i / e t r e i r \_ \_ / i t e \_ \_ e f e r \_ \_ e r t r s s i e t \_ \_ r \_ t i e s \_ \_ s t r e q u i r e / e t s \_ \_ e r t r s s t e / s \_ \_ t r \_ s i e r \_ T e \_ \_ e \_ r e e \_ \_ i \_ T e !

APHY 108 (4.0 UNITS)

Hydro Operator VIII

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: AP 10 - e r \_ \_ e r \_ t r \_ .

/ / re e si ere ie i A t e r \_ \_ e \_ \_ e r t r i i \_ i n s t r i - T u t i \_ \_ i e / i t e \_ \_ e i e t r / s i s s i \_ \_ s t r u t u r e s t r / s i s s i \_ \_ i e i s t \_ \_ i \_ \_ / T i \_ \_ s t e e \_ \_ e s \_ \_ e t \_ \_ e r s \_ \_ i \_ \_ e e - e r \_ \_ i e e i e s r i \_ \_ i \_ \_ f r i \_ \_ t \_ \_ e \_ \_ t t r / s i s s i \_ \_ i e r e - i r u s i \_ \_ t e / r r \_ \_ s t r u t u r e s \_ \_ e u s \_ \_ e f \_ \_ e s \_ \_ e t s t i \_ \_ s Pr e r t i \_ \_ f r t e \_ \_ t i \_ \_ E e t r i \_ \_ e \_ \_ u r e E A / \_ \_ t r \_ s i e r \_ T e \_ \_ e \_ r e e \_ \_ i \_ T e !

APPRENTICESHIP-INSTRUMENT TECHNICIAN

APIN 105 (4.0 UNITS)

Instrument Technician V

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: EL 10 -E\_e\_t\_r\_i\_ r\_ \_e\_s\_.

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APIN 106 (4.0 UNITS)

Instrument Technician VI

Term Hours: 72 Lec, 0 Lab

Letter Grade only

Prerequisite: AP 105 - \_ \_ s t r u / \_ \_ e \_ \_ t \_ \_ e \_ \_ i \_ \_ .

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**APIN 107 (4.0 UNITS)  
Instrument Technician VII**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: AP 10 - stru/ e t e... i...  
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**APIN 108 (4.0 UNITS)  
Instrument Technician VIII**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: AP 10 - stru/ e t e... i...  
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**APPRENTICESHIP-METER TECHNICIAN**

**APMT 105 (4.0 UNITS)  
Meter Technician V**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: EL 10 - E... r... es...  
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**APMT 106 (4.0 UNITS)  
Meter Technician VI**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: AP 10<sup>5</sup> - e... r... i...  
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**APMT 107 (4.0 UNITS)  
Meter Technician VII**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisites: AP 10 - e... r... i...  
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**APMT 108 (4.0 UNITS)  
Meter Technician VIII**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: AP 10 - e... r... i...  
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**APPRENTICESHIP-POWER LINEMAN**

**APLN 105 (4.0 UNITS)  
Power Lineman V**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: EL 10 - E... r... es...  
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...tr... s... ier... T... e... AA... e... r... e... !

**APLN 106 (4.0 UNITS)  
Power Lineman VI**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: APL 10<sup>5</sup> - P... er... i... e... /...  
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**APSC 107 (4.0 UNITS)**

**SCADA/Telecommunications Technician VII**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: APSC 106, A.A.E./U.T. Systems, Industrial Electronics, Electrical Systems, Telecommunications, and Safety. This course covers the installation, operation, and maintenance of SCADA systems, including data acquisition, control, and monitoring. Topics include system architecture, hardware and software configuration, and troubleshooting techniques.

**APSC 108 (4.0 UNITS)**

**SCADA/Telecommunications Technician VIII**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: APSC 107, A.A.E./U.T. Systems, Industrial Electronics, Electrical Systems, Telecommunications, and Safety. This course covers advanced SCADA systems, including data acquisition, control, and monitoring. Topics include system architecture, hardware and software configuration, and troubleshooting techniques.

**APPRENTICESHIP-SUBSTATION-ELECTRICIAN**

**AAPSB 105 (4.0 UNITS)**

**Substation - Electrician V**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: EL 105 - Electrician. This course covers the installation, operation, and maintenance of substation equipment, including transformers, circuit breakers, and busbars. Topics include safety, system architecture, hardware and software configuration, and troubleshooting techniques.

**AAPSB 106 (4.0 UNITS)**

**Substation-Electrician VI**

**Term Hours: 72 Lec, 0 Lab**

**Letter Grade only**

Prerequisite: AAPSB 105, U.T. Systems, Industrial Electronics, Electrical Systems, Telecommunications, and Safety. This course covers advanced substation equipment, including transformers, circuit breakers, and busbars. Topics include safety, system architecture, hardware and software configuration, and troubleshooting techniques.



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IMPERIAL VALLEY COLLEGE
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAM

CERTIFICATE PROGRAM

AGRICULTURAL BUSINESS MANAGEMENT CERTIFICATE

REQUIRE COURSE REFERENCE: I CER IFIC, EN, EC M EE
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ASSOCIATE DEGREE PROGRAM

AGRICULTURAL BUSINESS MANAGEMENT MAJOR - ASSOCIATE DEGREE

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IMPERIAL VALLEY COLLEGE



IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

AIR CONDITIONING AND REFRIGERATION TECHNOLOGY CERTIFICATE

The Air Conditioning and Refrigeration major and certificate are designed to provide instruction in manipulative skills, technical knowledge, and related trade information, which will prepare the student for employment in the Air Conditioning and Refrigeration industry.

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ASSOCIATE DEGREE PROGRAM

AIR CONDITIONING AND REFRIGERATION TECHNOLOGY MAJOR - A.S. DEGREE

The Air Conditioning and Refrigeration major and certificate are designed to provide instruction in manipulative skills, technical knowledge, and related trade information, which will prepare the student for employment in the Air Conditioning and Refrigeration industry.

REFERENCE: IVCMap Cb Shb 1112: CLee 07/07/11





IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

ASSOCIATE DEGREE PROGRAM

ANTHROPOLOGY MAJOR - A.A. DEGREE

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IMPERIAL VALLEY COLLEGE

APPRENTICESHIP TRAINING PROGRAMS

Apprenticeship training programs provide the participant an opportunity for formal training consisting of a balance between on-the-job training (OJT) and technical related and supplemented instruction (RSI) directly associated with the particular trade or industry. The OJT is coordinated through the Imperial Irrigation District (IID) and the RSI is provided by Imperial Valley College.

To be eligible to participate in any of the apprenticeship training programs, an individual must be an employed of the IID. Applicants for these apprenticeship programs are directed to the IID located ay 333 E. Barioni Blvd., Imperial, CA 92251, telephone (760) 482-9640. Apprentices must complete the eight courses listed below that correspond to the apprenticeship program they are in.

The ELTT (101-104) courses are open to apprentices and non-apprentices, see Electrical Trades listing in courses section. While completion of the ELTT courses does not require nor assure employment with the IID, it does place an individual in a better position to seek employment.

APPRENTICESHIP TRAINING PROGRAMS

Apprenticeship training programs provide the participant an opportunity for formal training consisting of a balance between on-the-job training (OJT) and technical related and supplemented instruction (RSI) directly associated with the particular trade or industry. The OJT is coordinated through the Imperial Irrigation District (IID) and the RSI is provided by Imperial Valley College.

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IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

APPRENTICESHIP - GENERATION MECHANIC CERTIFICATE

Apprenticeship training programs provide the participant an opportunity for formal training consisting of a balance between on-the-job training (OJT) and technical related and supplemented instruction (RSI) directly associated with the particular trade or industry. The OJT is coordinated through the Imperial Irrigation District (IID) and the RSI is provided by Imperial Valley College.

To be eligible to participate in any of the apprenticeship training programs, an individual must be an employed of the IID. Applicants for these apprenticeship programs are directed to the IID located ay 333 E. Barioni Blvd., Imperial, CA 92251, telephone (760) 482-9640. Apprentices must complete the eight courses listed below that correspond to the apprenticeship program they are in.

The ELTT (101-104) courses are open to apprentices and non-apprentices, see Electrical Trades listing in courses section. While completion of the ELTT courses does not require nor assure employment with the IID, it does place an individual in a better position to seek employment.

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

Thirty-two (32) units required for the certificate.

ELTT	101	Electrical Trades I	4.0
ELTT	102	Electrical Trades II	4.0
ELTT	103	Electrical Trades III	4.0
ELTT	104	Electrical Trades IV	4.0
APGN	105	Generation Mechanic V	4.0
APGN	106	Generation Mechanic VI	4.0
APGN	107	Generation Mechanic VII	4.0
APGN	108	Generation Mechanic VIII	4.0
Total Units:			32.0

ASSOCIATE DEGREE PROGRAM

APPRENTICESHIP - GENERATION MECHANIC MAJOR - A.S. DEGREE

Apprenticeship training programs provide the participant an opportunity for formal training consisting of a balance between on-the-job training (OJT) and technical related and supplemented instruction (RSI) directly associated with the particular trade or industry. The OJT is coordinated through the Imperial Irrigation District (IID) and the RSI is provided by Imperial Valley College.

To be eligible to participate in any of the apprenticeship training programs, an individual must be an employed of the IID. Applicants for these apprenticeship programs are directed to the IID located ay 333 E. Barioni Blvd., Imperial, CA 92251, telephone (760) 482-9640. Apprentices must complete the eight courses listed below that correspond to the apprenticeship program they are in.

The ELTT (101-104) courses are open to apprentices and non-apprentices, see Electrical Trades listing in courses section. While completion of the ELTT courses does not require nor assure employment with the IID, it does place an individual in a better position to seek employment.

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

Thirty-two (32) units required for the major.

ELTT	101	Electrical Trades I	4.0
ELTT	102	Electrical Trades II	4.0
ELTT	103	Electrical Trades III	4.0
ELTT	104	Electrical Trades IV	4.0
APGN	105	Generation Mechanic V	4.0
APGN	106	Generation Mechanic VI	4.0
APGN	107	Generation Mechanic VII	4.0
APGN	108	Generation Mechanic VIII	4.0
Total Units:			32.0

REFERENCE: IVCMajsCtsShs1112: CLee 07/07/11





IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

REFERENCE: IVCMajsCtsShs1112: CLee 7/ 7/11

IMPERIAL VALLEY COLLEGE  
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**CER T IC A E PROGRAM**

**APPRE N TICE \ IP . PO T ER LI EMA CER T IC A E**

Apprenticeship training programs provide the participant an opportunity for formal training consisting of a balance between on-the-job training (OJT) and technical related and supplemented instruction (RSI) directly associated with the particular trade or industry. The OJT is coordinated through the Imperial Irrigation District (IID) and the RSI is provided by Imperial Valley College.

To be eligible to participate in any of the apprenticeship training programs, an individual must be an employed of the IID. Applicants for these apprenticeship programs are directed to the IID loc7afapprenticeship

**A OCIA E EGREE PROGRAM**

**APPRE N TICE \ IP . PO T ER LI EMA MAJ OR . A EGREE**

Apprenticeship training programs provide the participant an opportunity for formal training consisting of a balance between on-the-job training (OJT) and technical related and supplemented instruction (RSI) directly associated with the particular trade or industry. The OJT is coordinated through the Imperial Irrigation District (IID) and the RSI is provided by Imperial Valley College.

To be eligible to participate in any of the apprenticeship training programs, an individual must be an employed of the IID. Applicants for these apprenticeship

REFERENCE: IVCMajsCtsShs1112: CLee 07/07/11

IMPERIAL VALLEY COLLEGE  
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A OCIA E EGREE PROGRAM

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- R R a n. aa.VI
- OR APL P , L. a VI
- R R a n. aa.VII
- R R a n. aa.VIII

REFERENCE: IVCMaj Ct t 2 : C

**IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS**

**IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS**

**CERTIFICATE PROGRAM**

**ASSOCIATE DEGREE PROGRAM**

**APPRENTICESHIP - SU STATION-ELECTRICIAN CERTIFICATE**

REFERENCE: IVCMajsCtsShts1112: CLee 07/07/11

IMPERIAL VALLEY COLLEGE  
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ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

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ART	100	History & Appreciation of Art I	3.0
ART	102	History & Appreciation of Art II	3.0
ART	110	Design	3.0
ART	112	Design	3.0
ART	120	Art - I	3.0
ART	122	Art - II	3.0
<b>II C</b>			
ART	104	History & Apprec of Modern Art	3.0
ART	106	Women Artists	3.0
ART	124	Art - I	3.0
ART	126	Art - II	3.0
ART	128	Watercolor Painting	3.0-6.0
ART	130	Life Drawing	3.0-6.0
ART	140	Ceramics	3.0-6.0
ART	150	Art - I	3.0-6.0
ART	160	Graphic Design	3.0
ART	170	Photography - Beginning	3.0-6.0
ART	220	Art - III	3.0
ART	222	Art - IV	3.0
ART	224	Art - III	3.0
ART	226	Art - IV	3.0
ART	228	Exploration of Painting Techniques	2.0
ART	230	Life Drawing	3.0-6.0
ART	240	Ceramics	

REFERENCE: IVCMajCsShts1112: CLee 07/07/11

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

**CERTIFICATE PROGRAM**

**AUTOMOTIVE COLLISION REPAIR CERTIFICATE**

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

Thirty one (31) units are required for the certificate

**ASSOCIATE DEGREE PROGRAM**

**AUTOMOTIVE COLLISION REPAIR MAJOR - A.S. DEGREE**

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

Thirty one units are required for the major (31 units - 20 units are required for the major)

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

AUTOMOTIVE TECHNOLOGY CERTIFICATE

ASSOCIATE DEGREE PROGRAM

AUTOMOTIVE TECHNOLOGY MAJOR - A.S. DEGREE

REFERENCE: IVCMajsCtsShs1112: CLee 07/07/11





IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAM

**CERTIFICATE PROGRAM**

**BUILDING CONSTRUCTION TECHNOLOGY CERTIFICATE**

The Building Construction Technology Certificate along with the specializations in Carpentry, Concrete Masonry, and Project management are designed to provide instruction in manipulative skills, technical knowledge, and related trade information which will prepare the student for employment in the Building Construction Industry.

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

BLDC	101	Safety Standards (Cal/OSHA) 30-Hour Card	3.0
BLDC	110	Construction Blueprints, Specifications, Measurements, & Codes	3.0
BLDC	130	Carpentry Layout & Framing	4.0
BLDC	135	Residential Plumbing Applications	3.0
BLDC	140	Building Construction Methods & Materials	3.0
BLDC	145	Concrete Formwork, Layout, & Setting	3.0
BLDC	170	Essentials of Efficient Green Construction	3.0
BLDC	180	Building Planning & Cost Estimation	3.0

**ASSOCIATE DEGREE PROGRAM**

**BUILDING CONSTRUCTION TECHNOLOGY MAJOR - ASSOCIATE DEGREE**

The Building Construction Technology Associate in Science degree along with the specializations in Carpentry, Concrete Masonry, and Project management are designed to provide instruction in manipulative skills, technical knowledge, and related trade information, which will prepare the student for employment in the Building Construction Industry.

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

BLDC	101	Safety Standards (Cal/OSHA) 30-Hour Card	3.0
BLDC	110	Construction Blueprints, Specifications, Measurements, & Codes	3.0
BLDC	130	Carpentry Layout & Framing	4.0
BLDC	135	Residential Plumbing Applications	3.0
BLDC	140	Building Construction Methods & Materials	3.0
BLDC	145	Concrete Formwork, Layout, & Setting	3.0
BLDC	170	Essentials of Efficient Green Construction	3.0
BLDC	180	Building Planning & Cost Estimation	3.0

**THE FOLLOWING SPECIALIZATION CERTIFICATE DEMONSTRATES COMPLETION OF SPECIALIZED COURSE OR IN ADDITION TO THE MAJOR**

**CARPENTRY SPECIALIZATION**

The Carpentry Specialization is designed to provide instruction in manipulative skills, technical knowledge, & related trade information, which will prepare the student for employment in the Building Construction Industry.

BLDC	150	Carpentry Methods, Materials, & Tools	4.0
BLDC	190	Carpentry Trim & Detail Work	3.0

**CONCRETE MASONRY SPECIALIZATION**

The Concrete Masonry Specialization is designed to provide instruction in manipulative skills, technical knowledge, & related trade information, which will prepare the student for employment in the Building Construction Masonry Industry.

BLDC	165	Concrete Materials, Methods, & Tools	4.0
BLDC	185	Concrete Footings, Flatwork, & Detail Work	4.0

**PROJECT MANAGEMENT SPECIALIZATION**

The Project Management Specialization is designed to provide instruction in manipulative skills, technical knowledge, & related trade information, which will prepare the student for employment in the Building Construction Industry.

BLDC	160	Construction Technical & Contract Documents	3.0
BLDC	201	Construction Planning & Management	3.0
BLDC	210	Construction Management & Organization	3.0

REFERENCE: IVCMajCsShs1112: CLee 07/11/11

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

**CERTIFICATE PROGRAM**

**ASSOCIATE CERTIFICATE IN ACCOUNTING TECHNOLOGICAL CERTIFICATE**

This program provides students with entry level competencies for employment as a bookkeeper or other financial clerk. Accounting technicians can be found in settings such as banks and offices. Students who intend to pursue an accounting degree at a four-year school should follow the business administration major.

LLREUIRE COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH THE FOLLOWING COURSES.

Course	Units	Description	Units
U S 1	0	Office Tech procedures I	
U S 17	10	Machine Calculation	
U S 1	20	Records Management	
U S 172	0	Office Tech procedures II	
U S 210	0	Prin of Financial Accounting	
CIS 101	0	Intro to Information Systems	
CIS 103	0	Computer Accounting	
CIS 12	10	Excel I	
CIS 12	10	Excel II	

**ASSOCIATE DEGREE PROGRAM**

**ASSOCIATE DEGREE IN ACCOUNTING TECHNOLOGICAL MAJOR - ASSOCIATE DEGREE**

This program provides students with entry level competencies for employment as a bookkeeper or other financial clerk. Accounting technicians can be found in settings such as banks and offices. Students who intend to pursue an accounting degree at a four-year school should follow the business administration major.

LLREUIRE COURSES FOR THIS MAJOR MUST BE COMPLETED WITH THE FOLLOWING COURSES.

Course	Units	Description	Units
U S 1	0	Office Tech procedures I	
U S 17	10	Machine Calculation	
U S 1	20	Records Management	
U S 172	0	Office Tech procedures II	
U S 210	0	Prin of Financial Accounting	
CIS 101	0	Intro to Information Systems	
CIS 103	0	Computer Accounting	
CIS 12	10	Excel I	
CIS 12	10	Excel II	

REFERENCE: IVCMajCrtsShs1112 - CLee 07/11/11



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This program provides students with education and training needed to quality for jobs that require a higher level of education and work experience in an office setting. These types of jobs require good communication and technology skills, and it helps

This program provides students with education and training needed to quality for jobs that require a higher level of education and work experience in an office setting. These types of jobs require good communication and technology skills, and it helps

REFERENCE: IVCMajsCritsShs1112 - CLee 07/11/11

IMPERIAL VALLEY COLLEGE  
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IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

BUSINESS OFFICE TECHNICIAN CERTIFICATE

Imperial Valley College  
Business Office Technician Certificate

REQUIRED COURSEWORK FOR THE CERTIFICATE  
IMPERIAL VALLEY COLLEGE

Twenty-eight (28) units and skill level required for the certificate.

I. Required courses for the certificate

- EN 101 English I
- U 100 Essential Business Computer Skills
- U 101 Business English
- U 102 Business Research
- U 103 Macintosh

ASSOCIATE DEGREE PROGRAM

BUSINESS OFFICE TECHNICIAN MAJOR - A.S. DEGREE

Imperial Valley College  
Business Office Technician Major - A.S. Degree

REQUIRED COURSEWORK FOR THE MAJOR  
IMPERIAL VALLEY COLLEGE

Twenty-eight (28) units and skill level required for the major.

I. Required courses for the major

- EN 101 English I
- U 100 Essential Business Computer Skills
- U 101 Business English
- U 102 Business Research
- U 103 Macintosh

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAMS

ASSOCIATE DEGREE PROGRAM

CHILD DEVELOPMENT CERTIFICATES

CHILD DEVELOPMENT MAJOR - A.S. DEGREE

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

ASSOCIATE DEGREE PROGRAM

COMMUNICATION ARTS MAJOR - A.A. DEGREE

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Tw		- 2		t		t			
<b>I</b>	<b>R</b>			<b>t</b>		<b>1</b>	<b>t</b>		
	ENGL	250				Creative Writing		3.0	
	JRN	100				Introduction to Journalism		3.0	
	SPCH	100				Oral Communication		3.0	
	SPCH	110				Public Speaking		3.0	
	SPCH	120				Interpersonal Communication		3.0	
	SPCH	180				Argumentation and Debate		3.0	
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IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAM

ASSOCIATE DEGREE PROGRAM

COMPUTER SCIENCE MAJOR - ASSOCIATE DEGREE

Typical student path

Requirements

Total 220

II. Additional requirements

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

CORRECTIONAL SCIENCE CERTIFICATE

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Twenty-four (24) units required for the certificate

I. Required courses for the certificate

AJ	102	Concepts of Criminal Law	3.0
AJ	120	Public Safety Report Writing	3.0
CSI	100	Intro to Corrections	3.0
CSI	106	Correctional Interviewing & Counseling	3.0
CSI	108	Control & Supervision of Inmates	3.0
Total:			15.0

II. Select nine (9) units from the following courses:

AJ 080

ASSOCIATE DEGREE PROGRAM

CORRECTIONAL SCIENCE MAJOR - A.S. DEGREE

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Twenty-four (24) units required for the major

I. Required courses for the major

AJ	102	Concepts of Criminal Law	3.0
AJ	120	Public Safety Report Writing	3.0
CSI	100	Intro to Corrections	3.0
CSI	106	Correctional Interviewing & Counseling	3.0
CSI	108	Control & Supervision of Inmates	3.0
Total:			15.0

II. Select nine (9) units from the following courses:

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This program is intended to provide an opportunity for court employees and others interested in the justice process to enhance their professional and personal skills.

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

I	CIS	101	Intro to Information Systems	3.0
	CIS	120/121	Microsoft Word I or II	1.0
	CIS	124/125	EXCEL I or II	1.0
II	AJ	100	Intro to Admin of Justice (3.0)	
	AJ	106	Prin & Proce of the Justice System (3.0)	
	BUS	260	Business Communications (3.0)	
	BUS	126	Bus & the Legal Environment (3.0)	
	BUS	136	Human Relations in Management (3.0)	
	LEGL	119	Civil Procedures and Discovery (3.0)	
	LEGL	121	Legal Research (3.0)	
	POLS	100	Introduction to Political Science (3.0)	
	POLS	102	American Government and Politics (3.0)	

REFERENCE: IVCMajsCrtsShs1112 - CLee 07/11/11





**IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS**

**CERTIFICATE PROGRAM  
DENTAL ASSISTANT CERTIFICATE**

**ASSOCIATE DEGREE PROGRAM  
DENTAL ASSISTANT MAJOR - A.S. DEGREE**

**Career Opportunities**

**Career Opportunities**

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IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

EARLY CHILDHOOD EDUCATION

Associate in Science Degree in Early Childhood Education for Transfer (AS-T)  
Requires 24 units related to the major.

Early Childhood Education is the study of the physical, socio-emotional and cognitive growth and development of the child from conception through adolescence. The purposes of this major are to provide a solid academic program in child development and to prepare students to work with children in a variety of school and community settings. Early Childhood Education leads to careers in early care and community care teaching or with a variety of community, social service and educational agencies. The Associate in Science in Early Childhood Education for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major, on the "Requirements for the AA-T or AS-T."

Requirements for the Associate in Arts in Sociology or Transfer:

REQUIREMENTS

- I. Units/GPA: Must complete a minimum of 60 CSU-transferable semester units with a minimum grade point average of 2.0 in all CSU-transferable coursework. NOTE: While a minimum of 2.0 is required for admission, some institutions and majors may require a higher GPA. Please consult with a counselor for more information.
- II. General Education: Must complete one of the following general education transfer patterns:
  - A. California State University General Education Readiness Transfer (CSU GE-3) units minimum
  - B. Intersegmental General Education Transfer Curriculum (IGETC) 3 units minimum
- III. Associate Degree Major Core – 24.0 units  
Required Core  
C/EV 100

REFERENCE: IVCMajorsCrtsShts1112 - CLee Approved October 23, 2011

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IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

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IMPERIAL VALLEY COLLEGE





IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

ASSOCIATE DEGREE PROGRAM

FRENCH MAJOR - AA DEGREE

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Tw	1	2	t	t
<b>I R</b>			<b>t</b>	
FREN	100	Elementary French I		5.0
FREN	110	Elementary French II		5.0
FREN	201	Intermediate French I		5.0

REFERENCE: IVCmajCrtsShts1112 - CLee 07/11/11

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAM

ASSOCIATE DEGREE PROGRAM

GENERAL SCIENCE MAJOR - A DEGREE

ALL REQUIREMENT COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF C OR BETTER.

MAJOR REQUIREMENTS

The most reliable guide or appropriate course combinations in this major will be the catalog from the specific college to which the student will transfer.

**AREA I - 1**

AN H	100	Physical Anthropology	.0
BIOL	100	Principles of Biological Science	.0
BIOL	120	General Zoology I	.0
BIOL	122	General Zoology II	.0
BIOL	140	General Botany	.0
BIOL	150	Human Genetics	.0
BIOL	152	Gen Biol: Molecules/Cells/Genetics	.0
BIOL	154	Gen Biol: Principles of Organismal Biology	.0

**AREA II - 1**

**AREA III - C**

BIOL	220	General Microbiology	5.0
CHEM	200	General Inorganic Chemistry I	5.0
CHEM	202	General Inorganic Chemistry II	5.0
CHEM	204	Organic Chemistry I	5.0
CHEM	206	Organic Chemistry II	5.0
CS	220	Intro to Object Oriented Programming Using Java	.0
MA H	100	Pre-Calculus	5.0
MA H	120	Calculus I	5.0
MA H	140	Calculus II	5.0
MA H	210	Calculus III	5.0
H S	200	General Physics I	5.0
H S	202	General Physics II	5.0
H S	204	General Physics III	5.0

REFERENCE: IVCMajorsCrstsShs1112 - CLee 07/11/11

IMPERIAL VALLEY COLLEGE  
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REFERENCE: IVCMajsCrtsShs1112 - CLee 07/11/11

IMPERIAL VALLEY COLLEGE  
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CERTIFICATE PROGRAM

HUMAN RELATIONS CERTIFICATE

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Twenty-four (4) units required for the certificate

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ASSOCIATE DEGREE PROGRAM

HUMAN RELATIONS MAJOR - A.A. DEGREE

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Twenty-four (4) units required for the major

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REFERENCE: Maj C t t C

IMPERIAL VALLEY COLLEGE



IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

ASSOCIATE DEGREE PROGRAM

JOURNALISM MAJOR - A.S. DEGREE

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH  
A GRADE OF "C" OR BETTER.

Twenty-one (21) units required for the major

I. Required courses for the major

JRN	100	Intr t nt J ma s_n	.0
JRN	101	M_t_g a Ne s Wrtn Re rtn	.0

REFERENCE: IVCMajsCrtShts1112 - CLee 07/11/11

IMPERIAL VALLEY COLLEGE
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

LEGAL ASSISTANT CERTIFICATE

This program provides education and training for students considering a career in the legal industry as paralegals working under the direct supervision of lawyers in the public and private sectors.

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Table listing required courses for the Legal Assistant Certificate: BUS 126, ENGL 101, LEGL 115, LEGL 116, LEGL 117, LEGL 119, LEGL 120, LEGL 121. Total credits: 21.0.

ASSOCIATE DEGREE PROGRAM

LEGAL ASSISTANT MAJOR - A.A. DEGREE

This program provides education and training for students considering a career in the legal industry as paralegals working under the direct supervision of lawyers in the public and private sectors.

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Table listing required courses for the Legal Assistant Major - A.A. Degree: BUS 126, LEGL 115, LEGL 116, LEGL 117, LEGL 119, LEGL 120, LEGL 121. Total credits: 21.0.

REFERENCE: IVCMajsCrtsShTs1112 - CLee 07/11/11



IMPERIAL VALLEY COLLEGE  
 2011-2012 GENERAL CATALOG CERTIFICATE AND MAJOR PROGRAM

**ASSOCIATE DEGREE PROGRAM**

**LIBERAL STUDIES MAJOR - GENERAL OPTION - A.A. DEGREE**

This program will provide an educational experience which prepares students to think critically, write clearly and effectively, analyze evidence, and appreciate the differences between subject areas. Students who complete the major should find opportunities in a variety of careers.

**ATTENTION**

If you are planning to transfer to a university, please see a Counselor and work with the catalog or ASSIST website (www.assist.org) for specific transfer requirements.

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

**REQUIRED COURSES FOR THE DEGREE**

<b>A. ENGLISH COMMUNICATION AND CRITICAL THINKING .00 Unit</b>			
- SPCH	100	Oral Communication	3.0
<b>OR</b>			
- ENGL	111	Reading IV: Analytical & Critical Reading (3.0)	3.0
- ENGL	201	Advanced Composition (3.0)	
- PHIL	106	Logic (3.0)	
- SPCH	180	Argumentation & Debate (3.0)	
<b>B. SCIENCE AND MATHEMATICS .00 Unit</b>			
- BIOL	100	Prin of Biological Science with Lab	4.0
<b>OR</b>			
- GEOL	110	Earth and Space Science (3.0)	
- MATH	110	Number Sys in Elem Math	3.0
<b>C. ART AND HUMANITIES .00 Unit</b>			
- HIST	100	Early World History	3.0
<b>OR</b>			
- MUS	100	Intro to Mus Foundations (3.0)	
<b>D. SOCIAL POLITICAL AND ECONOMIC INSTITUTIONS .00 Unit</b>			
- GEOG	108	World Regional Geography	3.0
- HIST	120	United States to 1987	3.0
<b>E. LIFELONG LEARNING AND SELF DEVELOPMENT .00 Unit</b>			
- CDEV/PSY	104	Child Growth & Development	3.0
<b>OR</b>			
- PSY	101	Intro to Psychology (3.0)	
<b>OR</b>			
- PSY	204	Devlpmntl Psy: Conception to Death (3.0)	
<b>TOTAL UNIT</b>			<b>20-20</b>

REFERENCE: IVCMajCrtsShs1112 - CLee 07/11/11



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IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

ASSOCIATE DEGREE PROGRAM

MATHEMATICS MAJOR - A.S. DEGREE

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Twenty-seven (27) units required for the major

- I. Fifteen units:
  - MATH 192 Calculus I 5.0
  - MATH 194 Calculus II 5.0
  - MATH 210 Calculus III 5.0
- II.

REFERENCE: IVCMajsCrtsShs1112 - CLee 07/11/11

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MEDICAL ASSA → CER I ICA E

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

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Re e e e e a e			
AHP	070	Administrative Medical Assistant I	4.5
AHP	072	Administrative Medical Assistant II	4.5
AHP	074	Clinical Externship I	2.0
AHP	080	Specimen Collec & Lab Procedures	3.5
AHP	082	Exam Room Procedures	3.5
AHP	084	Pharmacology & Administration	3.5
AHP	086	Clinical Externship II	2.0
AHP	100	Medical Terminology	3.0
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REFERENCE: IVCMajsCrtShts1112 - CLee 07/11/11

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

MULTIMEDIA AND WEB DEVELOPMENT CERTIFICATE

The Multimedia and Web Development program is an interdisciplinary program that combines technical knowledge with design communication and problem solving skills. It includes multimedia software applications and programming languages that allow a student to build dynamic Web applications. Students learn how to process information and then make this information available to audiences via electronic media. The program provides students with entry level competencies or employment as a Web Developer or other position. Graduates are prepared to produce a variety of computer Web and/or multimedia graphics animation sound and video production and/or content materials. The program provides entry level training to qualify students for collaborative projects or in from within small design firms or for developing web pages or small or large businesses.

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH MINIMUM GRADE OF C- BETTER

Twenty-six (26) units for the certificate.

- I. Required courses for the certificate  
RT 112 Design

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ASSOCIATE DEGREE PROGRAM

MULTIMEDIA AND WEB DEVELOPMENT MAJOR - A.S. DEGREE

The Multimedia and Web Development program is an interdisciplinary program that combines technical knowledge with design communication and problem solving skills. It includes multimedia software applications and programming languages that allow a student to build dynamic Web applications. Students learn how to process information and then make this information available to audiences via electronic media. The program provides students with entry level competencies or employment as a Web Developer or other position. Graduates are prepared to produce a variety of computer Web and/or multimedia graphics animation sound and video production and/or content materials. The program provides entry level training to qualify students for collaborative projects or in from within small design firms or for developing web pages or small or large businesses.

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH MINIMUM GRADE OF C- BETTER

Twenty-six (26) units for the major.

- I. Required courses for the major  
RT 112

REFERENCE: IVCMajorsCertsShets1112 - CLee 07/11/11

IMPERIAL VALLEY COLLEGE

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

ASSOCIATE DEGREE PROGRAM

NURSING - ASSOCIATE DEGREE (R.N.) MAJOR - A.S. DEGREE

The Registered Nursing Program is designed to provide the education necessary for licensure eligibility and practice as a Registered Nursing (RN). Acceptance into the program requires successful completion of all prerequisites and successful competition of the application and selection processes.

All required prerequisites and nursing courses must be completed with a grade of "C" or better. Contact the Nursing and Allied Health Department for more specifics.

Admission Requirements

1. Prerequisites for the major
  - ENGL 101 Reading & Composition 3.0
  - BIOL 220 General Microbiology 5.0
  - BIOL 200 Human Anatomy & Physiology I 4.0
  - AND
  - BIOL 202 Human Anatomy & Physiology II 4.0
  - OR
  - BIOL 204 Human Anatomy (4.0)
  - AND
  - BIOL 206 Human Physiology (4.0)
  - SOC 101 Introductory Sociology 3.0
  - OR
  - ANTH 102 Cultural Anthropology (3.0)
  - PSY 101 Introduction to Psychology 3.0
  - NURS 100 Medication Mathematics 1.0

**Math Competency:** A score of 2006 or higher on the ACCUPLACER™ College Level Mathematics test OR MATH 090 (Intermediate Algebra) OR an advanced level mathematics course with a grade of "C" or higher.

**Reading Competency:** A placement score of 3006 on the ACCUPLACER™ Reading Test OR ENGL 089 (Reading IV: Intermediate Development) OR ENGL 111 (Reading IV: Analytical and Critical Reading) with a grade of "C" or higher.

2. TEAS Exam: Must pass exam at the predetermined minimum cut score (or higher) as set by the college and the State of California.
3. Background: Must pass a criminal background check as a requirement of the clinical agencies.
4. Drug Screen: Must pass a drug screen as defined by the Nursing Program as a requirement of the clinical agencies.
5. American Heart BLSL/CPR Certification: Must be current.

Total Nursing Units	45.5
Total General Education/Support Courses	38.0-41.0
Total Units for Degree	83.5-86.5

LVN to RN Student - Advanced placement options are found in the Nursing Appendix at the end of the catalog.

REFERENCE: IVCmajCrtShts1112 - CLee 07/11/11

Additional Program Requirements

1. Degree Requirements
 

SPCH	100	Oral Communication	3.0
PE	100	Lifetime Exercise Science	2.0
PE		Activity Course	1.0
Humanities Elective			3.0
American Institutions Requirement			6.0
2. Recommended for the major
 

PSY	204	Dvlpmntl Psy: Conception to Death	3.0
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Students wishing to complete a Bachelor's of Science in Nursing Program (BSN) may be required to complete such a course.
3. Progression Policy
 

All nursing courses must be taken in sequence and must be completed with a "C" or better with skills and clinical experience courses receiving the equivalent of "C" or "Satisfactory" or better to progress to the next level. Nursing Program graduates must submit a transcript demonstrating successful completion of all course work and graduation prior to sitting for the National Council Licensure Examination for Registered Nurses.
4. Registered Nursing Program Specific Courses:
 

Semester 1:			
NURS	110	Nursing Process I	4.5
NURS	111	Nursing Skills Laboratory I	1.5
NURS	112	Nursing Process Application I	4.0
NURS	113	Pharmacology I	1.5
Semester 2:			
NURS	123	Pharmacology II	1.5
NURS	121	Nursing Skills Laboratory II	1.0
NURS	125	Nursing Process and Application II	8.5
Semester 3:			
NURS	211	Nursing Skills Laboratory III	1.0
NURS	224	Psychiatric & Mental Health Nursing	2.0
NURS	225	Psych. Nrsng. Application (Clinical)**	1.0
NURS	231	Nursing Process and Application III	8.5
Semester 4:			
NURS	221	Nursing Skills Laboratory IV	1.0
NURS	230	Nursing Trends	1.0
NURS	241	Nursing Process and Application IV	8.5

\*\* Clinical experience may include a rotation outside of county.  
(Continued on Back Side of Page)



IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

CERTIFICATE PROGRAM

NURSING - VOCATIONAL NURSING (V.N. CERTIFICATE

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ASSOCIATE DEGREE PROGRAM

NURSING - VOCATIONAL NURSING (V.N. MAJOR - A.S. DEGREE

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REFERENCE: IVCMajsCrtsts C ~ ~





IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

ASSOCIATE DEGREE PROGRAM

PHYSICAL SCIENCE MAJOR - A.S. DEGREE

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

Forty (40) units required for the major

Thirty-five units required:

CHEM	200	General Inorganic Chemistry I	5.0
CHEM	202	General Inorganic Chemistry II	5.0
MATH	1 2	Calc I s I	5.0
MATH	1 4	Calc I s II	5.0
PH S	200	Princi les of Physics I	5.0
PH S	202	Princi les of Physics II	5.0
PH S	204	Princi les of Physics III	5.0

Five units selected from:

AG/ENVS	110	En ironmental Science	3.0
ASTR	100	Princi les of Astronomy	3.0
CHEM	204	Organic Chemistry I	5.0
CHEM	206	Organic Chemistry II	5.0
GEOG	100	Physical Geogra hy	3.0
GEOL	100	General Geology	4.0
GEOL	110	Earth art S ace Science	3.0
MATH	11	Elementary Statistics	4.0
MATH	210	Calc I s III	5.0
MATH	220	Elem Differential E ations	3.0
MATH	230	Intro to Linear Algebra /A I	3.0
PHSC	110	Physical Science	3.0

REFERENCE: IVCMajsCrtsSh1s1112 - CLee 07/11/11

IMPERIAL ALLEY C LLE E

IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS



ASSOCIATE DEGREE PROGRAM

REFERENCE: IVCMajsCrtShts1112 - CLee 07 11 11

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IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AN MA OR PROGRAM

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**IMPERIAL VALLEY COLLEGE  
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS**



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## NURSING APPENDIX

### ASSOCIATE DEGREE (ADN) REGISTERED NURSING

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### ADMISSION PROCESS

#### Eligibility and Application \*

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\* NOTE: Meeting eligibility does not guarantee









**Associate Degree or Certification Options for Vocational Nursing**

1. Associate Degree in Vocational Nursing  
The Associate Degree in Vocational Nursing is a two-year program that prepares students for entry-level nursing positions. It includes coursework in anatomy, physiology, medical terminology, and nursing fundamentals. Graduates are eligible to sit for the National Council Licensure Examination (NCLEX-RN) to become Registered Nurses (RNs).

2. Certificate in Vocational Nursing  
The Certificate in Vocational Nursing is a one-year program that provides the same core nursing education as the associate degree but in a shorter timeframe. Graduates are also eligible to sit for the NCLEX-RN.

3. Diploma in Vocational Nursing  
The Diploma in Vocational Nursing is a one-year program that focuses on practical nursing skills. Graduates are eligible to sit for the NCLEX-PN to become Licensed Practical Nurses (LPNs).

4. Bachelor of Science in Nursing (BSN)  
The Bachelor of Science in Nursing (BSN) is a four-year program that provides a comprehensive education in nursing, including leadership, research, and community health. Graduates are eligible to sit for the NCLEX-RN and are often preferred for advanced nursing roles.

**PEACE OFFICER STANDARDS AND TRAINING  
(POST) APPENDIX**

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**AVA, OR A**  
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DOMINGUEZ, GILBERT Superintendent/President 1996-2002	

† Deceased



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## **R**



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