

ACCOUNTING

Accounting Associate in Science Degree

Required Core Courses: 29 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
BUS 1A	Accounting Principles – Financial	3	
BUS 1B	Accounting Principles – Managerial		3
BUS 2	Introduction to Business	3	
BUS 10	Human Resources	3	
CA 31	Computer Applications I	2	
MATH 40	Elementary Statistics		3
	Electives/General Education Requirements	4	9
	Total	15	15
SECOND YEAR			
BUS 22	Business Law	3	
BUS 25	Small Business Management		3
ECON 10	Macro-economics	3	
ECON 11	Micro-economics		3
	Electives/General Education Requirements	9	9
	Total	15	15

Required Electives: 13 units

A student may select from any Business or Computer Applications courses numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

	Recommended Electives:	Fall	Spring
BUS 1C	Federal Income Tax		3
BUS 49	Business Cooperative Work Experience	1-4	1-4
CA 32	Computer Applications II		2

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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ADMINISTRATION OF JUSTICE

Administration of Justice Associate in Science Degree

Required Core Courses: 15 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
AJ 12	Introduction to Criminal Justice	3	
AJ 20	Criminal Law	3	
AJ 21	Administration of Justice		3
	Required Electives	3	6
	General Education Requirements		
	/Electives	6	6
	Total	15	15
SECOND YEAR			
AJ 23	Criminal Evidence		3
AJ 24	Community Relations	3	
	Required Electives	3	3
	General Education		
	Requirements/Electives	9	9
	Total	15	15

Required Electives: 15 units

A student may select from any Administration of Justice or Correctional Science courses numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

Electives: 12 units

Any College courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Administration of Justice
Certificate of Achievement

Required Core Courses: 15 units

Total Units: 30 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
AJ 12	Introduction to Criminal Justice	3	
AJ 20	Criminal Law	3	
AJ 21	Administration of Justice		3
	Required Electives	3	6
	Total	9	9
SECOND YEAR			
AJ 23	Criminal Evidence		3
AJ 24	Community Relations	3	
	Required Electives	3	3
	Total	6	6

Required Electives: 15 units

A student may select from any Administration of Justice or Correctional Science courses numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

Administration of Justice Reserve Officer Training III –Safety and Security Personnel - Certificate of Completion

Required Core Courses: 10 units

Total Units: 16 units

Course Number	Course Title	Units
FALL SEMESTER		
AJ 52A	Arrest Methods and Procedures	3
AJ 52B	Firearms P.C. 832	1
Required Electives		3
	Total	7
SPRING SEMESTER		
AJ 52C	Reserve Officer Training Level IIIC (Beginning)	6
Required Electives		3
	Total	9

Required Electives: 6 units

A student may select from any Administration of Justice or Correctional Science courses numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

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AGRICULTURE

Agriculture Science and Technology Associate in Science Degree

Required Core Courses: 30 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR		Even	Odd
AGR 1	Agricultural Accounting	3	
OR			
BUS 13	Basic Accounting		
AGR 9	Food Animal Selection		3
AGR 10	Introduction to Animal Science		3
AGR 11	Beef Cattle Production	3	
AGR 20	Introduction to Plant Science		4
CA 31	Computer Applications I	2	
OR			
CA 32	Computer Application II		
	Required Electives		3
	Electives	3	
	General Education Requirement	3	3
	Total	14	16
SECOND YEAR		Odd	Even
AGR 2	Agricultural Economics	3	
AGR 3	Introduction to Agricultural Business		3
AGR 13	Feeds and Feeding	3	
AGR 14	Horse Husbandry		3
	Required Electives	3	
	Electives		3
	General Education Requirement	6	6
	Total	15	15

Required Electives: 6 units

Any six units from the following courses can be used to satisfy this requirement.

Required Elective Options		Fall	Spring
AGR 8	Introduction to Animal Production	3	
AGR 25	Vegetable Science for Urban Gardeners		3
AGR 26	Ornamental Plant Materials	3	
AGR 27	Principles of Landscape Design		3
AGR 31	Bovine Embryo Transplant		3
AGR 40	Basic Agricultural Mechanics	3-4	
AGR 61	Introduction to Bovine Reproduction		1.5

Electives: 6 units

Any College courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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Agriculture Science and Technology
Certificate of Achievement

Required Core Courses: 30 units

Total Units: 33 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
AGR 1	Agricultural Accounting	Even 3	Odd
OR			
BUS 13	Basic Accounting		
AGR 9	Food Animal Selection		3
AGR 10	Introduction to Animal Science		3
AGR 11	Beef Cattle Production	3	
AGR 20	Introduction to Plant Science		4
CA 31	Computer Applications I	2	
OR			
CA 32	Computer Application II		
	Total	8	10
SECOND YEAR			
AGR 2	Agricultural Economics	Odd 3	Even
AGR 3	Introduction to Agricultural Business		3
AGR 13	Feeds and Feeding	3	
AGR 14	Horse Husbandry		3
	Required Electives	3	
	Total	9	6

Required Electives: 3 units

Any three units from the following courses can be used to satisfy this requirement.

Required Elective Options		Odd	Even
AGR 8	Introduction to Animal Production	3	
AGR 25	Vegetable Science for Urban Gardeners		3
AGR 26	Ornamental Plant Materials	3	
AGR 27	Principles of Landscape Design		3
AGR 31	Bovine Embryo Transplant		3
AGR 40	Basic Agricultural Mechanics	3-4	
AGR 61	Introduction to Bovine Reproduction		1.5

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Animal Science – Certificate of Completion

Required Core Courses: 16.5 units

Course Number	Course Title	Fall	Spring
AGR 8	Introduction to Animal Production	3	
AGR 10	Introduction to Animal Science		3
AGR 11	Beef Cattle Production	3	
AGR 13	Feeds and Feeding	3	
AGR 31	Bovine Embryo Transplant		3
AGR 61	Introduction to Bovine Reproduction		1.5
	Total	9	7.5

Horsemanship – Certificate of Completion

Required Core Courses: 14 units

Course Number	Course Title	Fall	Spring
AGR 14	Horse Husbandry		3
AGR 50	Basic Riding		2
AGR 23	Western Riding and Training	2	
<u>OR</u>			
AGR 51	Horsemanship		
AGR 24	English Riding and Training		2
<u>OR</u>			
AGR 52	Advanced Horsemanship		
AGR 53	Colt Training		2 even
AGR 57	Beginning Horseshoeing	3 odd	
	Total	5	9

Horticulture – Certificate of Completion

Required Core Courses: 13 units

Course Number	Course Title	Fall	Spring
AGR 20	Introduction to Plant Science		4
AGR 25	Vegetable Science for Urban Gardeners		3
AGR 26	Ornamental Plant Materials	3	
AGR 27	Principles of Landscape Design		3
	Total	3	10

Mechanized Agriculture– Certificate of Completion

Required Core Courses: 9 units

Course Number	Course Title	Fall	Spring
AGR 40	Basic Agricultural Mechanics	3 - 4	
AGR 41	Farm Tractors and Farm Power		3 - 4
AGR 42	Farm Surveying, Irrigation and Drainage	1 - 3	1 - 3
	Total	4 - 5	4 - 5

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ART

University Studies CSU – Art Major Concentration Associate in Arts Degree

Required Core Courses: 26 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
ART 2	Drawing	3	
ART 3	Beginning Life Drawing		2
ART 6	Survey of Art History – Prehistoric to Renaissance	3	
ART 7	Survey of Art History –Renaissance to Contemporary		3
ART 10A	Beginning Painting		3
	Electives/General Education Requirements	9	7
	Total	15	15
SECOND YEAR			
ART 1A	Fundamentals of Two-Dimensional Design	3	
ART 1B	Fundamentals of Three-Dimensional Design		3
ART 4A	Beginning Photography	3	
ART 36A	Beginning Ceramics		3
	Electives/General Education Requirements	9	9
	Total	15	15

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Graphic Design
Certificate of Completion

Required Core Courses: 17 units

Total Units: 17 units

Course Number	Course Title	Fall	Spring
ART 1A	Fundamentals of Two-Dimensional Design	3	
ART 6	Survey of Art History – Prehistoric to Renaissance	3	
ART 19A	Beginning Digital Photography	2	2
ART 25	Introduction to Computer Art		3
ART 51	Lettering Design	1.5	
ART 52	Marketing for the Artist/Designer		1.5
JOUR 12	Digital Layout: Designing for Publication and the Web		3
	Total	7.5–9.5	7.5–9.5

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AUTOMOTIVE TECHNOLOGY

Automotive Technology Associate in Science Degree

Required Core Courses: 35 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR		Even	Odd
AT 25	Tune-Up	3	
AT 26	Manual Transmissions and Rear Axles	3	
AT 30	Chassis Electrical		3
AT 32	Air Conditioning and Accessories		2
AT 36	General Automotive Lab		2
AT 37	Automotive Machine	3	
AT 38	Engine Balancing		2
	Required Electives Requirement	3	0
	General Education Requirement	3	6
	Total	15	15
SECOND YEAR		Odd	Even
AT 21	Engine Repair	4	
AT 23	Fuel Injection/Carburetion Systems		3
AT 24	Engine Electrical	3	
AT 27	Steering and Suspension		2
AT 28	Automotive Brakes	2	
AT 33	Automatic Transmissions		3
	Required Electives Requirement	0	4
	General Education Requirement	6	3
	Total	15	15

Required Electives: 7 units

Any Automotive Technology courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

General Mechanic
Certificate of Achievement

Required Core Courses: 35 units

Total Units: 42 units

Course Number	Course Title	Fall	Spring
FIRST YEAR		Even	Odd
AT 25	Tune-Up	3	
AT 26	Manual Transmissions and Rear Axles	3	
AT 30	Chassis Electrical		3
AT 32	Air Conditioning and Accessories		2
AT 36	General Automotive Lab		2
AT 37	Automotive Machine	3	
AT 38	Engine Balancing		2
	Required Electives Requirement	3	0
	Total	12	9
SECOND YEAR		Odd	Even
AT 21	Engine Repair	4	
AT 23	Fuel Injection/Carburetion Systems		3
AT 24	Engine Electrical	3	
AT 27	Steering and Suspension		2
AT 28	Automotive Brakes	2	
AT 33	Automatic Transmissions		3
	Required Electives Requirement	0	4
	Total	9	12

Required Electives: 7 units

Any Automotive Technology courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

Automotive Tune-Up
Certificate of Achievement

Required Core Courses: 16 units

Total Units: 29 units

Course Number	Course Title	Fall	Spring
FIRST YEAR		Even	Odd
AT 25	Tune-Up	3	
AT 30	Chassis Electrical		3
	Required Electives Requirement	3	3
	Total	6	6
SECOND YEAR		Odd	Even
AT 21	Engine Repair	4	
AT 23	Fuel Injection/Carburetion Systems		3
AT 24	Engine Electrical	3	
	Required Electives Requirement	3	4
	Total	10	7

Required Electives: 13 units

The student may select any combination of courses from the following listing to satisfy this requirement.

Course Number	Course Title	Fall	Spring
Required Electives		Even	Odd
AT 20	Basic Auto	3	
AT 26	Manual Transmissions and Rear Axles	3	
AT 27	Steering and Suspension		2
AT 28	Automotive Brakes	2	
AT 32	Air Conditioning and Accessories		2
AT 33	Automatic Transmissions		3
AT 36	General Automotive Lab		2

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BIOLOGICAL SCIENCE

University Studies CSU – Biological Science Major Preparation Associate in Science Degree

Required Core Courses: 30 units

Total Units: 60 units

Select a minimum of thirty (30) units from the following courses in major preparation [including one course in life science, one course in physical science, and one course in mathematics to meet Area B of the general education core requirements]:

Course Number	Course Title	Fall	Spring
FIRST YEAR			
BIO 2 *	Principles of Zoology (even)		5
or BIO 3*	Principles of Botany (odd)		
CHEM 1A*	General Chemistry I	5	
CHEM 1B*	General Chemistry II		5
	General Education		
	Requirements/Electives	10	5
	Total	15	15
SECOND YEAR			
BIO 1*	Principles of Biology	4	
BIO 2 *	Principles of Zoology (even)		5
or BIO 3*	Principles of Botany (odd)		
PHYS 2A*	General Physics I	4	
PHYS 2B*	General Physics II		4
	General Education		
	Requirements/Electives	7	6
	Total	15	15
Elective Core Concentration			
BIO 20	Microbiology	5	
MATH 1A	Analytical Geometry and Calculus I	5	
MATH 1B	Analytical Geometry and Calculus II		5
MATH 40	Elementary Statistics	3	

* Indicates courses providing lower division biological science preparation in most university baccalaureate programs. Most university baccalaureate programs also require one year of Organic Chemistry not offered at Lassen College.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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BUSINESS

University Studies CSU – Business Concentration Associate in Science Degree

Required Core Courses: 21 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
BUS 1A	Accounting Principles – Financial	3	
BUS 1B	Accounting Principles – Managerial		3
BUS 2	Introduction to Business		3
MATH 40	Elementary Statistics	3	
	Electives/General Education Requirements	9	9
	Total	15	15
SECOND YEAR			
BUS 25	Small Business Management		3
ECON 10	Macro-economics	3	
ECON 11	Micro-economics		3
	Electives/General Education Requirements	12	9
	Total	15	15

Required Electives: 21 units

The two elective core concentration courses listed below are highly recommended. Please check with your academic advisor for selected major and transfer requirements.

	Elective Core Concentration	Fall	Spring
BUS 22	Business Law	3	
MATH 1A	Analytical Geometry and Calculus I	5	

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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CHILD DEVELOPMENT

Child Development Associate in Arts Degree

Required Core Courses: 26 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
CD 12	The Child in the Home and Community	3	
CD 20	Principles of Early Childhood Education		5
CD 57	Guidance in Adult and Child Relations		3
PSY 31	Child Development: Conception Through Adolescence	3	
	Required Electives		4
	General Education	9	3
	Requirements/Electives		
	Total	15	15
SECOND YEAR			
CD 16	Program Administration and Curriculum Planning		3
CD 19	Children's Nutrition, Health, and Safety	2	
CD 30	Early Steps to Reading Success 1, 2, 3		3
CD 50	ECE Child Health and Safety	1	
CD 56	The Exceptional Child		3
	Required Electives	3	
	General Education	9	6
	Requirements/Electives		
	Total	15	15

Required Electives: 7 units

Any seven units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
CD 11	Early Childhood Theory/Observation	odd	
CD 14	Creative Activities for Young Children		even
CD 15	Pre-School Administration		even
CD 17	Creative Activities in Language & Literature		odd
CD 18	Creative Music & Movement in Early Childhood Education		even
CD 21	Practices in Early Childhood Education	odd	
CD 22	The Infant Toddler	odd	
CD 23	Adult Supervision in the Child Care Setting		odd
CD 52	Principles and Practices of Effective Parenting	X	
CD 53	Violence and its Impact on Children and Families	even	
CD 54	Violence Intervention Techniques in Early Childhood		odd

Child Development
Associate in Arts Degree

(Continued)

Electives: 7 units

The student may select from any course numbered 1-99 to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Child Development
Certificate of Achievement

Required Core Courses: 23 units

Total Units: 26 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
CD 12	The Child in the Home and Community	3	
CD 20	Principles of Early Childhood Education		5
CD 57	Guidance in Adult and Child Relations		3
Required Elective:	Selective one course from following:	3	
CD 11	Early Childhood Theory/Observation	odd	
CD 22	The Infant Toddler	odd	
PSY 31	Child Development: Conception Through Adolescence	x	
	Total	6	8
SECOND YEAR			
CD 16	Program Administration and Curriculum Planning		3
CD 19	Children's Nutrition, Health, and Safety	2	
CD 30	Early Steps to Reading Success 1, 2, 3		3
CD 50	ECE Child Health and Safety	1	
	Required Elective	3	
	Total	6	6

Required Electives: 3 units

Any three units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
CD 11	Early Childhood Theory/Observation	odd	
CD 14	Creative Activities for Young Children		even
CD 15	Pre-School Administration		even
CD 17	Creative Activities in Language & Literature		odd
CD 18	Creative Music & Movement in Early Childhood Education		even
CD 21	Practices in Early Childhood Education	odd	
CD 22	The Infant Toddler	odd	
CD 23	Adult Supervision in the Child Care Setting		odd
CD 52	Principles and Practices of Effective Parenting	X	
CD 53	Violence and its Impact on Children and Families	even	
CD 54	Violence Intervention Techniques in Early Childhood		odd
CD 56	The Exceptional Child		X
PSY 31	Child Development: Conception through Adolescence	X	

Child Development
Certificate of Completion

Required Core Courses: 12 units

Total Units: 15 units

Course Number	Course Title	Fall	Spring
CD 12	The Child in the Home and Community	3	
CD 20	Principles of Early Childhood Education		5
CD 50	ECE Child Health and Safety	1	
Required Electives:	Select one course from following:	3	
CD 11	Early Childhood Theory/Observation	odd	
CD 22	The Infant Toddler	odd	
PSY 31	Child Development: Conception Through Adolescence	X	
	Total	7	5

Required Electives: 3 units

Any three units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
CD 11	Early Childhood Theory/Observation	odd	
CD 14	Creative Activities for Young Children		even
CD 15	Pre-School Administration		even
CD 16	Program Administration and Curriculum Planning		X
CD 17	Creative Activities in Language & Literature		odd
CD 18	Creative Music & Movement in Early Childhood Education		even
CD 19	Children's Nutrition, Health, and Safety	X	
CD 21	Practices in Early Childhood Education	odd	
CD 22	The Infant Toddler	odd	
CD 23	Adult Supervision in the Child Care Setting		odd
CD 30	Early Steps to Reading Success 1, 2, 3		X
CD 52	Principles and Practices of Effective Parenting	X	
CD 53	Violence and its Impact on Children and Families	even	
CD 54	Violence Intervention Techniques in Early Childhood		odd
CD 56	The Exceptional Child		X
CD 57	Guidance in Adult and Child Relations		X
PSY 31	Child Development: Conception Through Adolescence	X	

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CORRECTIONAL SCIENCE

Correctional Science Associate in Science Degree

Required Core Courses: 21 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
CORS 10A	Introduction to Correctional Science	3	
CORS 10B	Organization and Administration of the Correctional System		3
CORS 11	Legal Aspects	3	
PSY 1	Introduction to Psychology		3
	AJ/CORS Electives		3
	Electives/General Education		
	Requirements	9	6
	Total	15	15
SECOND YEAR			
AJ 10	Criminology	3	
AJ 20	Criminal Law	3	
AJ 21	Administration of Justice		3
	AJ/CORS Electives	6	10
	Electives/General Education	3	2
	Requirements		
	Total	15	15

Required Electives: 19 units

A student may select from any Administration of Justice or Correctional Science courses numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

Electives: 2 units

A student may select from any course numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Correctional Science
Certificate of Achievement

Required Core Courses: 21 units

Total Units: 40 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
CORS 10A	Introduction to Correctional Science	3	
CORS 10B	Organization and Administration of the Correctional System		3
CORS 11	Legal Aspects	3	
PSY 1	Introduction to Psychology		3
	AJ/CORS Electives		3
	Total	6	9
SECOND YEAR			
AJ 10	Criminology	3	
AJ 20	Criminal Law	3	
AJ 21	Administration of Justice		3
	AJ/CORS Electives	6	10
	Total	12	13

Required Electives: 19 units

A student may select from any Administration of Justice or Correctional Science courses numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

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COSMETOLOGY

Cosmetology Certificate of Achievement

Required Core Courses: 39 units

Total Units: 39 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
COS 60	Introduction to Cosmetology	16	
COS 62	Intermediate Cosmetology		16
	Total	16	16
SECOND YEAR			
COS 64	Advanced Cosmetology	7	
OR	OR		
COS 66	Advanced Cosmetology II		7
	Total	0 - 7	0 - 7

See a counselor to prepare your educational plan with the latest scheduling information.

Esthetician
Certificate of Completion

Required Core Courses: 17 units

Total Units: 17 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
COS 74	Esthetician I	8.5	
COS 76	Esthetician II		8.5
	Total	8.5	8.5

Manicuring
Certificate of Completion

Required Core Courses: 10 units

Total Units: 10 units

Course Number	Course Title	
COS 68	Nail Art and Design	10
	Total	10

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FIRE TECHNOLOGY
 [Pending Approval by the Chancellor's Office]
Fire Technology
Associate in Science Degree

Required Core Courses: 22-23 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring	Summer
FIRST YEAR				
FS 1	Introduction to Fire Technology		3	
FS 3	Fundamentals of Fire Prevention		3	
FS 4	Fire Protection Equipment and Systems	3		
FS 5	Fire Organization and Management	3		
FS 52	Incident Command System (I-200/300)	2		
FS 60	OR Wildland Firefighter (CDF Basic 67)		3	
FS 61	Basic Firefighter Training (Basic 32)		2	
FS 49	Fire Technology Cooperative Work Experience			1-4
	Fire Technology Electives		3-4	
	Electives/General Education Requirements	7	3	
	Total	15	15	
SECOND YEAR				
FS 6	Building Construction for Fire Protection	3		
FS 55	Fire Investigation	3		
	Fire Technology Electives	6	10	
	Electives/General Education Requirements	3	5	
	Total	15	15	

Required Electives: 19 - 20 units

Any nineteen to twenty units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
EMT 60	Emergency Medical Technician	5	
FS 21	First Responder - Medical		2
FS 49	Fire Technology Cooperative Work Experience	1-4	1-4
FS 57	Auto Extraction		0.5
FS 62	Fire Instructor 1-A Instructional Techniques	2.5	
FS 63	Fire Instructor 1-B Instructional Techniques		2.5
FS 66	Fire Prevention 1-A	2	
FS 67	Fire Prevention 1-B		2
FS 70	Dozer Boss (S-232)	1	
FS 71	Fundamentals of Heavy Rescue	1.5	
FS 72	Hazmat First Responder	1	
FS 73	Incident Business Management (S-260/261)	1	
FS 74	Fire in the Interface (S-215)	1	
FS 75	Fire Behavior (S-290)		2

Fire Technology
Associate in Science Degree

(Continued)

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Fire Technology
Certificate of Achievement
 [Pending Approval by the Chancellor's Office]

Required Core Courses: 22-23 units

Total Units: 42 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
FS 1	Introduction to Fire Technology		3
FS 3	Fundamentals of Fire Prevention		3
FS 4	Fire Protection Equipment and Systems	3	
FS 5	Fire Organization and Management	3	
FS 52	Incident Command System (I-200/300)	2	
FS 60 or	Wildland Firefighter (CDF Basic 67)		3
FS 61	Basic Firefighter Training (Basic 32)		2
	Fire Technology Electives	3-4	
	Total	11-12	11
SECOND YEAR			
FS 6	Building Construction for Fire Protection	3	
FS 55	Fire Investigation	3	
	Fire Technology Electives	6	10
	Total	12	10

Required Electives: 19 - 20 units

Any nineteen to twenty units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
EMT 60	Emergency Medical Technician	5	
FS 21	First Responder - Medical		2
FS 49	Fire Technology Cooperative Work Experience	1-4	1-4
FS 57	Auto Extraction		0.5
FS 62	Fire Instructor 1-A Instructional Techniques	2.5	
FS 63	Fire Instructor 1-B Instructional Techniques		2.5
FS 66	Fire Prevention 1-A	2	
FS 67	Fire Prevention 1-B		2
FS 70	Dozer Boss (S-232)	1	
FS 71	Fundamentals of Heavy Rescue	1.5	
FS 72	Hazmat First Responder	1	
FS 73	Incident Business Management (S-260/261)	1	
FS 74	Fire in the Interface (S-215)	1	
FS 75	Fire Behavior (S-290)		2

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GUNSMITHING

Firearms Repair Associate in Science Degree

Required Core Courses: 42 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 50.1	Recoil Pad & Sling Swivel Installation	1	
GSS 50.3	Open and Optical Sight Installation	1	
GSS 51.1	Stock Inletting		1
GSS 51.5	Glass Bedding for Strength & Accuracy		1
GSS 51.6	Wood Stock Finishing		1
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.3	Gas Tungsten Arc Welding for Gunsmiths 2	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
GSS 56.3	Bolt Action Barrel Fitting		1
GSS 57.1	Bolt Action Breeching and Headspace		1
GSS 57.3	Action and Bolt Modifications		1
GSS 59.2	Metal Preparation for Refinishing & Caustic Bluing	1	
GSS 62.4	Correcting Oversize Firing Pin Holes		1
GSS 64.1	Composition Stock Fitting, Bedding & Finishing		1
	General Education Requirement	3	6
	Total	16	14

GUNSMITHING

Firearms Repair Associate in Science Degree

(Continued)

Course Number	Course Title	Fall	Spring
SECOND YEAR			
GSS 60.1	DFR Recoil Operated Auto Shotguns	1	
GSS 60.2	DFR Gas Operated Auto Shotguns	1	
GSS 60.4	DFR Pump Shotguns	1	
GSS 61.1	DFR Single Action Revolvers	1	
GSS 61.2	DFR Smith & Wesson Revolvers	1	
GSS 61.3	DFR Colt Revolvers	1	
GSS 62.3	Misfire Correction		1
GSS 66.2	Revolver Barrel Fitting and Ranging	1	
GSS 67.1	Blowback Principle	1	
GSS 68.1	DFR Locked Breech Single Action Auto Pistols	1	
GSS 68.2	DFR Locked Breech Double Action Auto Pistols	1	
GSS 68.3	DFR Blowback Auto Pistols	1	
GSS 69.1	DFR Auto Rifles		1
GSS 69.2	DFR Pump Rifles		1
GSS 69.3	DFR Lever Action Rifles		1
GSS 70.1	DFA Triggers 1	1	
GSS 71.1	DFR .22 Autos		1
GSS 71.2	DFR Bolt Action .22's		1
GSS 71.3	DFR Pump and Lever Action .22's		1
GSS 71.4	DFR Marlin Model 39		1
GSS 75.2	Firearm Laws and Regulations		1
	General Education Requirement	3	6
	Total	15	15

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Revision 09.23.07

GUNSMITHING

General Gunsmithing Associate in Science Degree

Required Core Courses: 42 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 50.1	Recoil Pad & Sling Swivel Installation	1	
GSS 50.3	Open and Optical Sight Installation	1	
GSS 51.5	Glass Bedding for Strength & Accuracy		1
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.3	Gas Tungsten Arc Welding for Gunsmiths 2	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
GSS 55.4	Stock Refinish and Repair		1
GSS 56.1	Headspace		1
GSS 56.3	Bolt Action Barrel Fitting		1
GSS 57.3	Action and Bolt Modifications		1
GSS 58.2	Pressure and Pillar Bedding		1
GSS 59.2	Metal Preparation for Refinishing & Caustic Bluing	1	
GSS 62.4	Correcting Oversize Firing Pin Holes		1
GSS 64.1	Composition Stock Fitting, Bedding & Finishing		1
	General Education Requirement	3	6
	Total	16	14

GUNSMITHING

General Gunsmithing Associate in Science Degree

(Continued)

Course Number	Course Title	Fall	Spring
SECOND YEAR			
GSS 60.4	DFR Pump Shotguns	1	
GSS 61.1	DFR Single Action Revolvers	1	
GSS 62.3	Misfire Correction		1
GSS 63.5	Double Guns, Hinge Pins and Headspace		1
GSS 67.1	Blowback Principle	1	
GSS 69.3	DFR Lever Action Rifles		1
GSS 70.1	DFA Triggers 1	1	
GSS 71.1	DFR .22 Autos		1
GSS 73.2	Spring Making	1	
	Required Electives	6	6
	General Education Requirement	3	6
	Total	14	16

Required Electives: 12 units

Any GSS courses numbered 49 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Revision 09.23.07

GUNSMITHING

Gunsmith Machinist and Metal Finishing Certificate of Completion

Required Core Courses: 16 Units

Total Units: 16 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 50.1	Recoil Pad & Sling Swivel Installation	1	
GSS 50.3	Open and Optical Sight Installation	1	
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.3	Gas Tungsten Arc Welding for Gunsmiths 2	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
GSS 59.2	Metal Preparation for Refinishing & Caustic Bluing	1	
GSS 59.3	Parkerizing	1	
GSS 59.4	Color Case Hardening	1	
GSS 59.9	Alternative Metal Finishing	1	
	Total	16	

See a counselor to prepare your educational plan with the latest scheduling information.

Revision 09.23.07

GUNSMITHING

Long Gun Certificate of Completion

Required Core Courses: 17 Units

Total Units: 17 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 51.6	Wood Stock Finishing		1
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
	Total	9	1
SECOND YEAR			
GSS 60.1	DFR Recoil Operated Auto Shotguns	1	
GSS 60.2	DFR Gas Operated Auto Shotguns	1	
GSS 60.4	DFR Pump Shotguns	1	
GSS 66.1	Non-Bolt Action Rifle Barrel Fitting		1
GSS 69.1	DFR Auto Rifles		1
GSS 69.2	DFR Pump Rifles		1
GSS 69.3	DFR Lever Action Rifles		1
	Total	3	4

See a counselor to prepare your educational plan with the latest scheduling information.

Revision 09.23.07

GUNSMITHING

Pistolsmith Certificate of Completion

Required Core Courses: 17 Units

Total Units: 17 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
	Total	9	
SECOND YEAR			
GSS 61.1	DFR Single Action Revolvers	1	
GSS 61.2	DFR Smith & Wesson Revolvers	1	
GSS 61.3	DFR Colt Revolvers	1	
GSS 66.2	Revolver Barrel Fitting and Ranging	1	
GSS 67.1	Blowback Principle	1	
GSS 68.1	DFR Locked Breech Single Action Auto Pistols	1	
GSS 68.2	DFR Locked Breech Double Action Auto Pistols	1	
GSS 68.3	DFR Blowback Auto Pistols	1	
	Total	8	

See a counselor to prepare your educational plan with the latest scheduling information.

Revision 09.23.07

GUNSMITHING

Riflesmith Certificate of Completion

Required Core Courses: 16 Units

Total Units: 16 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 51.1	Stock Inletting		1
GSS 51.5	Glass Bedding for Strength & Accuracy		1
GSS 51.6	Wood Stock Finishing		1
GSS 55.4	Stock Refinish and Repair		1
GSS 56.1	Headspace		1
GSS 56.3	Bolt Action Barrel Fitting		1
GSS 56.4	Barrel Contouring		1
GSS 57.1	Bolt Action Breeching and Headspace		1
GSS 57.15	Bolt Action Rifle Feeding		1
GSS 57.2	Action Blueprinting		1
GSS 57.3	Action and Bolt Modifications		1
GSS 57.6	Truing Exterior of Action		1
GSS 57.8	Bottom Metal Modifications		1
GSS 58.2	Pressure and Pillar Bedding		1
GSS 62.4	Correcting Oversize Firing Pin Holes		1
GSS 64.1	Composition Stock Fitting, Bedding & Finishing		1
	Total		16

See a counselor to prepare your educational plan with the latest scheduling information.

Revision 09.23.07

HUMAN SERVICES

Drug and Alcohol Paraprofessional Associate in Science Degree

Required Core Courses: 32 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
HUS 10	Introduction to Human Services	3	
HUS 22	Alcohol: Intervention, Treatment, and Recovery		3
HUS 31	Crisis Intervention Strategies		3
HUS 37	Case Management and Psychopathology		3
PSY 1	Introduction to Psychology	3	
SOC 1	Introduction to Sociology	3	
	Human Services Electives	3	
	Electives/General Education Requirements	3	6
	Total	15	15
SECOND YEAR			
HUS 24	Group Facilitator Process/Human Services	3	
HUS 30	Pharmacology of Drug Abuse		3
HUS 35	Ethical Issues/Human Services	2	
HUS 40	Field Instruction Seminar I	1	
HUS 41	Field Instruction Seminar II		1
HUS 49	Human Services Cooperative Work Experience	1-4	1-4
	Electives/General Education Requirements	7	9
	Total	15	15

Required Electives: 3 units

Any three units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
HUS 23	Special Populations Considerations	.5-1	
HUS 25	Family Treatment Approaches	2	
HUS 27	Gender Differences and Addictive Behavior	1	
HUS 28	Human Services and Violent Behavior	3	
HUS 32	Psychodynamics of Addiction	3	
HUS 48	Special Topics in Human Services	.5-2	.5-2
HUS 49	Human Services Cooperative Work Experience	1-4	1-4
HUS 62	Paraprofessional Counseling Skills in Residential Care	3	
HUS 64	Residential Care Regulations		3

Drug and Alcohol Paraprofessional
Associate in Science Degree

(Continued)

Electives: 7 units

Any College courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

HUMAN SERVICES

Human Services Associate in Science Degree

Required Core Courses: 26 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
HUS 10	Introduction to Human Services	3	
HUS 31	Crisis Intervention Strategies		3
HUS 35	Ethical Issues/Human Services		2
HUS 37	Case Management and Psychopathology		3
PSY 1	Introduction to Psychology	3	
SOC 1	Introduction to Sociology	3	
	Human Services Electives	3	3
	Electives/General Education Requirements	3	4
	Total	15	15
SECOND YEAR			
HUS 24	Group Facilitator Process/Human Services	3	
HUS 40	Field Instruction Seminar I	1	
HUS 41	Field Instruction Seminar II		1
HUS 49	Human Services Cooperative Work Experience	1-4	1-4
	Human Services Electives		3
	Electives/General Education Requirements	9	9
	Total	15	15

Required Electives: 9 units

Any three units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
HUS 22	Alcohol: Intervention, Treatment, and Recovery		3
HUS 23	Special Populations Considerations	.5-1	
HUS 25	Family Treatment Approaches	2	
HUS 27	Gender Differences and Addictive Behavior	1	
HUS 28	Human Services and Violent Behavior	3	
HUS 30	Pharmacology of Drug Abuse		3
HUS 32	Psychodynamics of Addiction	3	
HUS 48	Special Topics in Human Services	.5-2	.5-2
HUS 49	Human Services Cooperative Work Experience	1-4	1-4
HUS 62	Paraprofessional Counseling Skills in Residential Care	3	
HUS 64	Residential Care Regulations		3

Human Services
Associate in Science Degree

(Continued)

Electives: 7 units

Any College courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

**Drug and Alcohol Paraprofessional
Certificate of Achievement**

Required Core Courses: 32 units

Total Units: 35 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
HUS 10	Introduction to Human Services	3	
HUS 22	Alcohol: Intervention, Treatment, and Recovery		3
HUS 31	Crisis Intervention Strategies		3
HUS 37	Case Management and Psychopathology		3
PSY 1	Introduction to Psychology	3	
SOC 1	Introduction to Sociology	3	
	Total	9	9
SECOND YEAR			
HUS 24	Group Facilitator Process/Human Services	3	
HUS 30	Pharmacology of Drug Abuse	2	3
HUS 35	Ethical Issues/Human Services	1	
HUS 40	Field Instruction Seminar I		
HUS 41	Field Instruction Seminar II	1-4	1
HUS 49	Human Services Cooperative Work Experience		1-4
	Human Services Electives		3
	Total	8	9

Required Electives: 3 units

Any three units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
HUS 23	Special Populations Considerations	.5-1	
HUS 25	Family Treatment Approaches	2	
HUS 27	Gender Differences and Addictive Behavior	1	
HUS 28	Human Services and Violent Behavior	3	
HUS 32	Psychodynamics of Addiction	3	
HUS 48	Special Topics in Human Services	.5-2	.5-2
HUS 49	Human Services Cooperative Work Experience	1-4	1-4
HUS 62	Paraprofessional Counseling Skills in Residential Care	3	
HUS 64	Residential Care Regulations		3

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Human Services
Certificate of Achievement

Required Core Courses: 26 units

Total Units: 35 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
HUS 10	Introduction to Human Services	3	
HUS 31	Crisis Intervention Strategies		3
HUS 35	Ethical Issues/Human Services		2
HUS 37	Case Management and Psychopathology		3
PSY 1	Introduction to Psychology	3	
SOC 1	Introduction to Sociology	3	
	Human Services Electives		1
	Total	9	9
SECOND YEAR			
HUS 24	Group Facilitator Process/Human Services	3	
HUS 40	Field Instruction Seminar I	1	
HUS 41	Field Instruction Seminar II		1
HUS 49	Human Services Cooperative Work Experience	1-4	1-4
	Human Services Electives	3	5
	Total	9	8

Required Electives: 9 units

Any three units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
HUS 22	Alcohol: Intervention, Treatment, and Recovery		3
HUS 23	Special Populations Considerations	.5-1	
HUS 25	Family Treatment Approaches	2	
HUS 27	Gender Differences and Addictive Behavior	1	
HUS 28	Human Services and Violent Behavior	3	
HUS 30	Pharmacology of Drug Abuse		3
HUS 32	Psychodynamics of Addiction	3	
HUS 48	Special Topics in Human Services	.5-2	.5-2
HUS 49	Human Services Cooperative Work Experience	1-4	1-4
HUS 62	Paraprofessional Counseling Skills in Residential Care	3	
HUS 64	Residential Care Regulations		3

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JOURNALISM

Journalism Associate in Science Degree

Required Core Courses: 19 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
JOUR 1	News Reporting and Writing	3	
JOUR 2	Student Newspaper (1 st Enrollment)		2
JOUR 3A	Newspaper Production I		3
JOUR 5	Photo-Journalism		2
JOUR 12	Digital Layout: Designing for Publication and the Web (1 st Enrollment)	3	
	Required Electives	3	
	General Electives		6
	General Education Requirement	6	3
	Total	15	16
SECOND YEAR			
JOUR 4	Mass Communication and Society		3
Select One:	Select One of the Following Courses:		
JOUR 3B	Newspaper Production II	3	
JOUR 12	Digital Layout: Designing for Publication and the Web (2 nd Enrollment)	3	
	Required Electives	2	3
	General Electives	3	6
	General Education Requirement	6	3
	Total	14	15

Required Electives: 8 units

Any eight units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
AJ 24	Community Relations	3	
ART 4A	Beginning Photography	3	3
CA 31	Computer Applications I	2	
JOUR 3C	Newspaper Production III		3
JOUR 3D	Newspaper Production IV	3	
JOUR 12	Digital Layout: Designing for Publication and the Web (2 nd Enrollment)	3	3
JOUR 48	Selected Topics in Journalism	0.5 – 3	0.5 – 3
JOUR 49	Journalism Cooperative Work Experience	1 – 2	1 – 2

General Electives: 15 Units

Any courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Journalism
Certificate of Achievement

Required Core Courses: 18 units

Total Units: 26 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
JOUR 1	News Reporting and Writing	3	
JOUR 2	Student Newspaper (1 st Enrollment)		2
JOUR 3A	Newspaper Production I		3
JOUR 5	Photo-Journalism		2
	Required Electives	3	
	Total	6	7
SECOND YEAR			
JOUR 2	Student Newspaper (2 nd Enrollment)	2	
JOUR 4	Mass Communication and Society		3
Select One:	Select One of the Following Courses:		
JOUR 3B	Newspaper Production II	3	
JOUR 12	Digital Layout: Designing for Publication and the Web (1 st Enrollment)	3	
	Required Electives	2	3
	Total	7	6

Required Electives: 8 units

Any eight units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
AJ 24	Community Relations	3	
ART 4A	Beginning Photography	3	3
CA 31	Computer Applications I	2	
JOUR 12	Digital Layout: Designing for Publication and the Web (2 nd Enrollment)	3	3
JOUR 48	Selected Topics in Journalism	0.5 – 3	0.5 – 3
JOUR 49	Journalism Cooperative Work Experience	1 – 2	1 – 2

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LIBERAL ARTS

Liberal Arts Associate in Arts Degree

Required Core Courses: 30 units

Total Units: 60 units

Required Core Courses: 30 units selected from Liberal Arts Core shown below:

Course Number	Course Title	Fall	Spring
ANTH 2	Cultural Anthropology		3
ANTH 3	Introduction to Archeology	3	
ANTH 8	The North American Indian	3	
ART 6	Survey of Art History: Prehistoric to Renaissance	3	
ART 7	Survey of Art History: Renaissance to Contemporary		3
ART 8	Art Appreciation	3 (odd)	
ENGL 1	College Composition	3	3
ENGL 2	Introduction to Literary Types	3 (odd)	
ENGL 9	Critical Thinking and Composition	3	3
ENGL 10	Shakespeare	3 (even)	
ENGL 12	Survey of American Literature II		3 (odd)
ENGL 50	Introduction to College Composition	3	3
ES 1	Ethnic Minorities in America	3	3
FILM 1	History of the Cinema	3	3
GEOG 2	Cultural Geography		3 (odd)
HIST 14	World History (Beginning to 1500)	3 (even)	
HIST 15	World History (1500 to Present)		3 (odd)
HIST 16	U.S. History	3	
HIST 17	Post Civil War U.S. History		3
HUM 1	Western Civilization: From Prehistoric Times to 1600	3	3
HUM 2	Western Civilization: From 1600 to Present	3	3
MUS 6	Music History from Antiquity to 1750	3 (odd)	
MUS 7	Music History from 1750 to Modern Era		3 (even)
MUS 12	Music Appreciation	3	
PHIL 1	Introduction to Philosophy	3	
PHIL 2	Critical Thinking		3
PHIL 10	Comparative World Religions	3	3
PLSC 1	American Institutions	3	3
PSY 1	Introduction to Psychology	3	3
PSY 2	Principles of Psychology	3	

<u>Liberal Arts</u> <u>Associate in Arts Degree</u>			
(Continued)			
PSY 18	Human Development: A Life Span	3	
PSY 31	Child Development: Conception through Adolescence	3	
PSY 33	Psychology of Personal Adjustment	3	3
SOC 1	Introduction to Sociology	3	3
SOC 2	Social Problems	3	
SOC 3	Family Relations	3 (even)	
SPAN 1	First Course in Spanish	3 (day)	3 (night)
SPAN 2	Second Course in Spanish	3(night)	3 (day)
SPCH 1	Fundamentals of Speech Communication	3	3
SPCH 2	Interpersonal Communication		3 (even)

Required Electives: 12 units

Any College courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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MATHEMATICS

University Studies CSU – Mathematics/Physical Science

Core Concentration

Associate in Science Degree

Required Core Courses: 27 units

Total Units: 60 units

Select a minimum of twenty-seven (27) units from the following courses in major core concentration [including one course in life science, one course in physical science, and one course in mathematics to meet Area B of the general education core requirements]:

Course Number	Course Title	Fall	Spring
ASTR 1	Astronomy		4
CHEM 1A	General Chemistry I	5	
CHEM 1B	General Chemistry II		5
GEOG 1	Physical Geography		3
GEOL 1	Physical Geology	4(even)	
GEOL 5	Historical Geology & Paleontology	4(odd)	
MATH 1A	Analytical Geometry & Calculus I	5	
MATH 1B	Analytical Geometry & Calculus II		5
MATH 40	Elementary Statistics	3	
PHYS 2A	General Physics I	4	
PHYS 2B	General Physics II		4

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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VOCATIONAL NURSING

Vocational Nursing Associate in Science Degree

Required Core Courses: 31 units

Total Units: 60 units

Course Number	Course Title	Spring	Summer	Fall
VN 50	Pharmacology	3		
VN 51	Nursing Fundamentals	4		
VN 52	Clinical Lab I	4		
VN 53	Adult Nursing Theory II		6	
VN 54	Clinical Lab II		4	
VN 55	Adult Nursing Theory III			2
VN 56	Clinical Lab III			4
VN 57	Maternity Nursing			2
VN 58	Pediatric Nursing			2
	Electives Requirements	2		3
	Total	13	10	13

Elective Courses: 5 Units

Recommendations –

HO 40 – Advanced Nursing Assessment – 2 Units

HO 46 – IV and Blood Withdrawal – 2 Units

General Education Requirements: 18 units (These are completed prior to entering into the above advising plan.) Consult with your academic counselor.

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Vocational Nursing
Certification of Achievement

Required Core Courses: 31 units

Total Units: 43 units

Course Number	Course Title	Spring	Summer	Fall
VN 50	Pharmacology	3		
VN 51	Nursing Fundamentals	4		
VN 52	Clinical Lab I	4		
VN 53	Adult Nursing Theory II		6	
VN 54	Clinical Lab II		4	
VN 55	Adult Nursing Theory III			2
VN 56	Clinical Lab III			4
VN 57	Maternity Nursing			2
VN 58	Pediatric Nursing			2
	Total	11	10	10

Required Prerequisite Courses: 12 Units

Course Number	Course Title	Spring	Summer	Fall
Recommended Study Plan for Prerequisite Course Requirement				
HLTH 25	Understanding Nutrition	3		
PSY 1	Introduction to Psychology			3
PSY 18	Human Development: A Life Span			3
HO 54	Basic Structure and Function of the Human Body	3		
	Semester Total	6		6
	Total – Prerequisite Course Requirement			12

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OFFICE ADMINISTRATIVE ASSISTANT

Office Administrative Assistant Associate in Science Degree

Required Core Courses: 25 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
BUS 10	Human Resources	3	
BUS 19	Office Procedures		3
BUS 27	Business Communications		3
BUS 34A	Microsoft Word Beginning	3	
BUS 34B	Microsoft Word Advanced		3
CA 31	Computer Applications I	2	
COT 52	Keyboarding Level 2	2	
	Electives/General Education Requirements	5	6
	Total	15	15
SECOND YEAR			
BUS 1A	Accounting Principles – Financial	3	
BUS 22	Business Law	3	
	Electives/ General Education Requirements	9	15
	Total	15	15

Required Electives: 17 units

A student may select from any Business, Computer Applications or Computer Office Technology courses numbered 1 – 99, which are not already satisfying required core courses, to satisfy this requirement.

	Recommended Electives:	Fall	Spring
BUS 18	Records Management		3
BUS 49	Business Cooperative Work Experience	1-4	1-4
CA 32	Computer Applications II		3
COT 59	Business Machines: 10 Key		1

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Office Administrative Assistant
Certificate of Achievement

Required Core Courses: 22 units

Total Units: 22 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
BUS 18	Records Management		3
BUS 19	Office Procedures		3
BUS 27	Business Communications	3	
BUS 34A	Microsoft Word Beginning	3	
BUS 34B	Microsoft Word Advanced		3
CA 31	Computer Applications I	2	
CA 32	Computer Applications II		2
COT 52	Keyboarding Level 2	2	
COT 59	Business Machines: 10 Key		1
	Total	10	12

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PHYSICAL EDUCATION

Physical Education Associate in Arts Degree

Required Core Courses: 20 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
BIO 1	[Principles of Biology- recommended preparation for BIO 25 & 26]	4	
HLTH 2	Personal Health	3	
HLTH 25	Understanding Nutrition		3
PE 15	Introduction to Physical Education	3	
PE 27	Care and Prevention of Athletic Injuries		1
	PE Activity Requirements	1	2
	Electives/General Education Requirements	4	9
	Total	15	15
SECOND YEAR			
BIO 25	Human Anatomy and Physiology I	4	
BIO 26	Human Anatomy and Physiology II		4
PE 26	Officiating	2	
	PE Degree Activity Requirements	1	2
	Electives/General Education Requirements	8	9
	Total	15	15

Required Theory of Sports: 6 units

Any six units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
PE 20I	Theory of Baseball		
PE 21I	Theory of Basketball		
PE 22I	Theory of Volleyball		
PE 23I	Theory of Softball		
PE 24I	Theory of Track and Field		
PE 25I	Theory of Wrestling		

Required Fitness Activities: 2 units

Any two units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
PEAC 16	Walking for Fitness	1	
PEAC 32A	Low Impact Aerobics	1	1
PEAC 32D	Fitness Center	1	1
PEAC 44	Yoga	1	
PEAC 54	Sports Conditioning	1	1

Physical Education
Associate in Arts Degree

(Continued)

Required Individual Activities and Team Sports: 2 units

Any two units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
PEAC 2A	Men's Varsity Soccer	1	
PEAC 2C	Women's Varsity Soccer	1	
PEAC 3A	Men's Varsity Cross Country	1	
PEAC 3C	Women's Varsity Cross Country	1	
PEAC 5A	Men's Varsity Basketball	1	
PEAC 5C	Women's Varsity Basketball	1	
PEAC 6	Varsity Wrestling	1	
PEAC 7	Varsity Baseball		1
PEAC 8	Varsity Golf	1	
PEAC 9	Women's Varsity Volleyball	1	
PEAC 10	Women's Varsity Softball		1
PEAC 12	Triathlon Training		1
PEAC 14	Bowling	1	
PEAC 20A	Baseball Skills	1	
PEAC 21A	Basketball Skills		1
PEAC 22A	Volleyball Skills		1
PEAC 23A	Softball Skills		1
PEAC 25A	Collegiate Wrestling Skills		1
PEAC 25B	International Wrestling Skills		1
PEAC 31	Racquetball		1
PEAC 34	Golf Skills	1	
PEAC 35A	Soccer Skills		1
PEAC 36	Cross Country Skiing		1
PEAC 37	Alpine Skiing		1
PEAC 38	Snowboarding		1
PEAC 40	Nordic Skiing		1
PEAC 44A	Jazz Dancing	1	

Electives: 12 units

Any College courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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MATHEMATICS

University Studies CSU – Mathematics/Physical Science
Core Concentration
Associate in Science Degree

Required Core Courses: 27 units

Total Units: 60 units

Select a minimum of twenty-seven (27) units from the following courses in major core concentration [including one course in life science, one course in physical science, and one course in mathematics to meet Area B of the general education core requirements]:

Course Number	Course Title	Fall	Spring
ASTR 1	Astronomy		4
CHEM 1A	General Chemistry I	5	
CHEM 1B	General Chemistry II		5
GEOG 1	Physical Geography		3
GEOL 1	Physical Geology	4(even)	
GEOL 5	Historical Geology & Paleontology	4(odd)	
MATH 1A	Analytical Geometry & Calculus I	5	
MATH 1B	Analytical Geometry & Calculus II		5
MATH 40	Elementary Statistics	3	
PHYS 2A	General Physics I	4	
PHYS 2B	General Physics II		4

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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REAL ESTATE

Real Estate **Certificate of Completion**

Required Core Courses: 9 units

Total Units: 9 units

Course Number	Course Title	Fall	Spring
BUS 22	Business Law	3	
BUS 57	Real Estate Principles	3	
BUS 60	Real Estate Practices	3	

See a counselor to prepare your educational plan with the latest scheduling information.

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WELDING TECHNOLOGY

Welding Technology Associate in Science Degree

Required Core Courses: 24 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring	Summer
FIRST YEAR				
WT 20	Power Plant and Field Pipe Welding I	3		
WT 21	Power Plant and Field Pipe Welding II		3	
WT 36	Welding Theory & Practice - Oxyacetylene	3		
WT 37	Welding Theory & Practice – Shielded Metal Arc Welding		3	
	Required Electives	3	3	3
	General Education Requirement	3	6	
	Total	12	15	3
SECOND YEAR				
WT 22	Power Plant and Field Pipe Welding III	3		
WT 23	Power Plant and Field Pipe Welding IV		3	
WT 38	Welding Theory & Practice – Gas Metal Arc Welding	3		
WT 39	Welding Theory & Practice – Gas Tungsten Arc Welding		3	
	Required Electives	3	3	3
	General Education Requirement	6	3	
	Total	15	12	3

Required Electives: 18 units

Any eighteen units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
BUS 25	Small Business Management		3
CA 31	Computer Applications I	2	
IT 72	Facilities Maintenance I		2
PGT 22	Operations Maintenance and Safety	1	
WT 40	Oxyacetylene Welding	3	3
WT 41	Beginning Shielded Metal Arc Welding	3	3
WT 42	Intermediate Shielded Metal Arc Welding	3	3
WT 43	Advanced Shielded Metal Arc Welding	3	3
WT 44	Gas Metal Arc Welding	3	3
WT 45	Gas Tungsten Arc Welding	3	3

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

Welding Technology
Certificate of Achievement
Two-Year Plan

Required Core Courses: 33 units

Total Units: 51 units

Course Number	Course Title	Fall	Spring	Summer
FIRST YEAR				
ENGL	English Composition Course	3		
MATH 53	Technical Mathematics		3	
WT 20	Power Plant and Field Pipe Welding I	3		
WT 21	Power Plant and Field Pipe Welding II		3	
WT 36	Welding Theory & Practice - Oxyacetylene	3		
WT 37	Welding Theory & Practice – Shielded Metal Arc Welding		3	
	Required Electives Requirement	3	3	3
	Total	12	12	3
SECOND YEAR				
IT 72	Facilities Maintenance I		2	
PGT 22	Operations Maintenance and Safety	1		
WT 22	Power Plant and Field Pipe Welding III	3		
WT 23	Power Plant and Field Pipe Welding IV		3	
WT 38	Welding Theory & Practice – Gas Metal Arc Welding	3		
WT 39	Welding Theory & Practice – Gas Tungsten Arc Welding		3	
	Required Electives Requirement	3	3	3
	Total	10	11	3

Required Electives: 18 units

Any eighteen units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
BUS 25	Small Business Management		3
CA 31	Computer Applications I	2	
WT 40	Oxyacetylene Welding	3	3
WT 41	Beginning Shielded Metal Arc Welding	3	3
WT 42	Intermediate Shielded Metal Arc Welding	3	3
WT 43	Advanced Shielded Metal Arc Welding	3	3
WT 44	Gas Metal Arc Welding	3	3
WT 45	Gas Tungsten Arc Welding	3	3

Welding Technology
Certificate of Achievement
One-Year Plan

Required Core Courses: 27 units

Total Units: 30 units

Course Number	Course Title	Fall	Spring	Summer
ENGL	English Composition Course	3		
MATH 53	Technical Mathematics		3	
IT 72	Facilities Maintenance I		2	
PGT 22	Operations Maintenance and Safety	1		
WT 20	Power Plant and Field Pipe Welding I	3		
WT 21	Power Plant and Field Pipe Welding II	3		
WT 22	Power Plant and Field Pipe Welding III		3	
WT 23	Power Plant and Field Pipe Welding IV		3	
WT 36	Welding Theory & Practice – Oxyacetylene	3		
WT 37	Welding Theory & Practice – Shielded Metal Arc Welding		3	
	Required Electives Requirement			3
	Total	13	14	3

Required Electives: 3 units

Any three units from the following courses can be used to satisfy this requirement.

	Required Elective Options	Fall	Spring
WT 40	Oxyacetylene Welding	3	3
WT 41	Beginning Shielded Metal Arc Welding	3	3
WT 42	Intermediate Shielded Metal Arc Welding	3	3
WT 43	Advanced Shielded Metal Arc Welding	3	3
WT 44	Gas Metal Arc Welding	3	3
WT 45	Gas Tungsten Arc Welding	3	3

Welding Technology
Certificate of Completion

Required Core Courses: 15 units

Total Units: 15 units

Course Number	Course Title	Fall	Spring
IT 72	Facilities Maintenance I		2
PGT 22	Operations Maintenance and Safety	1	
WT 20	Power Plant and Field Pipe Welding I	3	
WT 21	Power Plant and Field Pipe Welding II		3
WT 36	Welding Theory & Practice – Oxyacetylene	3	
WT 37	Welding Theory & Practice – Shielded Metal Arc Welding		3
	Total	7	8

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