

ASSISTANT COACH – from page 55

This certificate is designed for those students wishing to meet the requirements for assistant coach endorsement by the Wyoming Professional Teaching Standards Board.

Number and Title	Credits
PEPR 2100—Theory of Coaching (specific sport)	2
PEPR 2110—Scientific Foundations of Athletic Coaching	2
PEPR 2050—Care and Prevention of Athletic Injuries	2
HLED 1225—First Aid/CPR	2
or	
PEPR 1440—Sport First Aid	2

TOTAL CREDITS FOR CERTIFICATE = 8

BASIC DIGITAL IMAGING – from page 45

This certificate is designed for those students wishing to develop skills necessary to use Adobe Photoshop and Adobe Go Live in the production of digital images.

Number and Title	Credits
PHTO—2650 Digital Imaging	3
PHTO—2660 Web Design	3

TOTAL CREDITS FOR CERTIFICATE = 6

BASIC PHOTOGRAPHIC IMAGING – from page 45

This certificate is designed for those students wishing to develop skills necessary to use basic lighting and photographic technique in the production of digital images.

Number and Title	Credits
PHTO—1610 Introduction to Photography	4
PHTO—1630 View Camera & Basic Lighting	4

TOTAL CREDITS FOR CERTIFICATE = 8

CHALLENGE COURSE FACILITATION – from page 54

This certificate provides the student with a solid foundation in the principles and theories of Experiential/Adventure Education giving them the background and knowledge necessary to begin work as a facilitator.

Number and Title	Credits
OEPR 1100—Introduction to Adventure Education	2
OEPR 1620—Challenge Course Facilitation ..	2
HLED 1225—Standard First Aid & CPR	2

TOTAL CREDITS FOR CERTIFICATE = 6

CHEMICAL TECHNICIAN – from page 57

Chemical Technicians play a vital role in a variety of industries, working with chemists and chemical engineers to develop,

test, and manufacture chemical products. Their career opportunities are diverse, depending on where they work, their education, skills, and experience. Students learn to operate standard laboratory equipment; set up apparatus for chemical reactions; perform chemical tests and experiments that involve various procedures; test for quality, performance, or composition; conduct a variety of laboratory procedures, from routine process control to complex research projects; and help devise syntheses and analytical procedures.

General Education Requirements

Number and Title	Credits
ENGL 1010—English I – Introduction to Composition	3
ENGL 1020—English II – Introduction to Literature	3
or	
ENGL 2010—Technical Writing	3
or	
ENGL 2017—Introduction to Research	3
TOTAL	6

Core Courses

Number and Title	Credits
MATH 1400—College Algebra (or higher) ...	4
CHEM 1020—General Chemistry I	5
CHEM 1030—General Chemistry II	4
CHEM 2230—Quantitative Analysis	4
or	
CHEM 2320—Organic Chemistry I	4
TOTAL	17

TOTAL CREDITS FOR CERTIFICATE = 23

EQUINE CARE AND BASIC TRAINING – from page 40

This program of courses is designed to promote quality care of the horse and give the student basic riding and occupational skills. In their course work students will cover equine safety, health management, nutrition, equine behavior, tack fitting and basic horse safety. Students will be prepared for jobs such as boarding stables operator, riding stable help, wrangler, trail ride guide, groom, equine salesperson, breeding farm operator, and farm sitter.

Core Courses

Number and Title	Credits
EQST 1510—Equine Nutrition	2
EQST 1520—Horse Production I	3
EQST 1525—Horse Production II	3
EQST 2500—Equine Health Management	2
or	
ANSC 2020—Feeds and Feeding	4
EQST 1505—Basic Horsemanship	1
EQST 1550—Equine Evaluation	2
EQST 1645—Tack, Fit and Function	3
EQST 1680—Horse Handling and Behavior ..	2
TOTAL	18-20

Recommended Electives

EQST 1540—Applied Horse and Stall Care I I	
EQST 1805—Farrier Science I	2
EQST 2550—Training the Young Horse I	2
EQST 2520—Equine Breeding	3
EQST 2690—Hunt Seat Equitation	3
EQST 2680—Western Horsemanship	3

TOTAL CREDITS FOR CERTIFICATE = 18-20

HEAD COACH – from page 55

This certificate is designed for those students wishing to meet the requirements for head coach endorsement by the Wyoming Professional Teaching Standards Board. Students must have completed the requirements for or received the Assistant Coach Certificate.

Number and Title	Credits
PSYC 1000—General Psychology	4
PSYC 1200—Human Development	3

TOTAL CREDITS FOR CERTIFICATE = 7

OUTDOOR GUIDE SKILLS – from page 40

Through an intense course students will gain practical experience in camp construction and management, horse and mule packing, big game guiding, livestock care and handling, basic horsemanship, back-country survival and first aid, weapons safety, food preparation, and effective customer relations and service. The objective is to expose students to the best possible instruction and direction in becoming an advanced outdoors person or a part of the outdoor recreation industry and to provide the outdoor recreation industry with the most prepared, skilled and professional guides and outfitters in the industry.

Core Courses

Number and Title	Credits
EQST 2665—Outdoor Guide Skills	7

TOTAL CREDITS FOR CERTIFICATE = 7

New Certificates Coming in the 2006-07 Catalog

- Basic Graphic Art Production
- Nursing Assistant
- Lithographic Offset Press
- Graphics Administration
- Offset Duplicator
- Professional Desktop Publishing
- Photographic & Digital Preservation Specialist
- Prepress