

## MISSION TRAILS REGIONAL OCCUPATIONAL PROGRAM

1. **COURSE TITLE:** Advanced Photography (level II)
2. **CBEDS TITLE:** Commercial Photography
3. **CBEDS NUMBER:** 5755
4. **JOB TITLES:** Photographic Assistant  
Photographic Apprentice-printing  
Photographic Apprentice- general  
Developer  
Print Developer  
Electronic Imaging Assistant  
Commercial Photographer  
Photo Finisher  
Photographic Assistant- News Services  
Graphic Designer  
Digital Image Technician
5. **COURSE DESCRIPTION:** Advanced Photography students will continue to explore advanced camera and darkroom techniques while producing a portfolio of their photographic artwork for formal presentation. Exploration of alternative processes, studio work, technology and digital imaging will be an emphasis. Students will prepare for photographic jobs through writing, preparing portfolios and understanding the job interview process.
6. **HOURS:** 180 hours
7. **PREREQUISITES:** None
8. **REVISION DATE:** March 2008

**9. COURSE OUTLINE:**

**a. CONTENT AREA SKILLS:**

**i. EXPECTED STUDENT OUTCOMES**

**ii. HOURS OF INSTRUCTION**

**COURSE OUTLINE**

CONTENT AREA SKILLS	EXPECTED STUDENT OUTCOMES	HOURS CL = Classroom CC = Comm. Class. CP = Co-op Ed.		
Instruction will include:	Student will be able to:	CL	C	CP
Unit of Instruction  Introduction and Review of Basic Photography Instruction: Registration, course overview, expectations/ Black and White film processing. Photo Finishing	<ol style="list-style-type: none"> <li>1. Articulate classroom expectations.</li> <li>2. Explain the different types of cameras.</li> <li>3. Describe the black and white film process.</li> <li>4. Finish a photo.               <ol style="list-style-type: none"> <li>1.</li> </ol> </li> </ol>	15		
Advanced Camera Techniques: Medium format camera  Holga (120 film)  The Zone System  Hand held light meters.  Tripod and cable releases.  Various lenses and filters.  Experimental long exposures	<ol style="list-style-type: none"> <li>1. Create image with a medium format camera</li> <li>2. Demonstrate how a hand held light meter works.</li> <li>3. Effectively use a tripod and cable release.</li> <li>4. Create photos in low light.</li> <li>5. Explain various lenses and filters.</li> </ol>	15		

<p>Lighting Techniques:</p> <p>Studio Tungsten lighting</p> <p>Strobe and light metering</p> <p>Studio equipment</p> <p>Portraiture photography</p> <p>Macro Photography</p> <p>Natural Light</p>	<ol style="list-style-type: none"> <li>1. Describe and operate studio light equipment.</li> <li>2. Use strobe lighting.</li> <li>3. Set up and execute a portrait photo shoot.</li> <li>4. Create product images.</li> <li>5. Use natural light in a still life image.</li> <li>6. Photograph flowers with a macro close-up lens.</li> </ol>	25		
<p>Advanced Black and White Printing Techniques.</p> <p>Darkroom lab set up</p> <p>Film developing manipulation</p> <p>Selenium toning</p> <p>Printing with both Fiber and RC papers</p> <p>Sepia Toning</p>	<ol style="list-style-type: none"> <li>1. Demonstrate the process of selenium toning by making a print.</li> <li>2. Demonstrate the process of sepia toning by making a sepia print.</li> <li>3. Hand color a black and white photograph.</li> <li>4. Print on fiber paper.</li> <li>5. Articulate all the necessary equipment and supplies necessary for creating a home darkroom.</li> </ol>	15		
<p>Portfolio development and Community Classroom</p> <p>Theme and Subject dev.</p> <p>Photo writing and reflections</p> <p>Study of past and present photographers.</p> <p>Speakers, professional studio tours.</p> <p>Museum/ gallery visit/ report</p> <p>Commercial graphic assignment</p> <p>Photo journalism and documentary photography.</p>	<ol style="list-style-type: none"> <li>1. Write about the meaning and purpose of personal photos.</li> <li>2. Make a series of images incorporating a personal theme and subject.</li> <li>3. Visit local museum/ gallery</li> <li>4. Create a museum/ gallery report critiquing the photos</li> <li>5. Create an original photo</li> <li>6. Journalist series of photos.</li> <li>7. Experience professional photographers share out their careers.</li> </ol>	40		

<p>Alternative Photographic</p> <p>Processes: Hand coloring black and white prints</p> <p>Liquid Light</p> <p>Polaroid Transfers</p> <p>Exhibitions and display.</p> <p>Scholarships and exhibitions.</p>	<ol style="list-style-type: none"> <li>1. Hand paint photographs</li> <li>2. Apply liquid light to an alternative surface.</li> <li>3. Operate a day light lab.</li> <li>4. Create a Polaroid transfer.</li> <li>5. Exhibit photographs.</li> <li>6. Enter photographs in a local scholarship.</li> <li>7. Operate the lens en. aperture</li> </ol>	30		
<p>Digital Imaging:</p> <p>Digital SLR cameras</p> <p>Computer graphic software</p> <p>Camera and software interfacing.</p> <p>Scanning</p> <p>Digital imaging techniques and assignments.</p> <p>Photograph for the school yearbook.</p>	<ol style="list-style-type: none"> <li>1. Articulate how to operate a digital SLR camera</li> <li>2. Upload images to the computer</li> <li>3. Scan a photograph and convert the file from Tiff to Jpeg</li> <li>4. Use PhotoShop to edit images.</li> <li>5. Digitally combine 2 images.</li> <li>6. Color correct a photograph.</li> <li>7. Research photographic careers.</li> <li>8. Hand color a toned print</li> <li>9. Publish photos in the school yearbook.</li> </ol>	40		

## 9 COURSE OUTLINE:

### b) CAREER PERFORMANCE STANDARDS

#### i) EXPECTED STUDENT OUTCOMES

#### ii) HOURS OF INSTRUCTION

## COURSE OUTLINE

CAREER PERFORMANCE STANDARDS	EXPECTED STUDENT OUTCOMES	HOURS
<b>Instruction will include:</b>	<b>Student will be able to:</b>	
<p><b>1. Personal Skills</b></p> <ul style="list-style-type: none"> <li>▪ Classroom policies &amp; procedures</li> <li>▪ Ethics               <ul style="list-style-type: none"> <li>→ Work</li> <li>→ Business</li> </ul> </li> <li>▪ Sexual harassment laws</li> <li>▪ Personal skills, including positive attitude, self-confident, honesty, perseverance &amp; self-discipline</li> <li>▪ Professional appearance</li> <li>▪ Time management</li> <li>▪ Lifelong learning</li> </ul>	<p><b>1. Understand how personal skill development, including positive attitude, honesty, self-confidence, time management, &amp; other positive traits affect employability.</b></p> <ul style="list-style-type: none"> <li>▪ Demonstrate and understand classroom policies &amp; procedures</li> <li>▪ Define work and business ethics &amp; demonstrate the importance of ethical standards &amp; social responsibilities in the business environment.</li> <li>▪ Discuss the laws applicable to sexual harassment &amp; discuss tactics for handling harassment situations.</li> <li>▪ Demonstrate personal skills in class and/or business environment:               <ul style="list-style-type: none"> <li>→ Positive attitude</li> <li>→ Self-confidence</li> <li>→ Honesty</li> <li>→ Perseverance</li> <li>→ Self-discipline</li> </ul> </li> <li>▪ Demonstrate and model personal hygiene and acceptable professional attire</li> <li>▪ Prioritize tasks and meet deadlines</li> <li>▪ Explain the importance of lifelong learning</li> </ul>	<p><b>Integrated in content area skills</b></p>

CAREER PERFORMANCE STANDARDS	EXPECTED STUDENT OUTCOMES	HOURS
<b>Instruction will include:</b>	<b>Student will be able to:</b>	
<p><b>2. Interpersonal Skills</b></p> <ul style="list-style-type: none"> <li>▪ Group dynamics</li> <li>▪ Conflict resolution and negotiation</li> <li>▪ Team work</li> <li>▪ Etiquette across gender and cultural groups</li> </ul>	<p><b>2. Understand principles of effective interpersonal skills, including group dynamics, conflict resolution, and negotiation.</b></p> <ul style="list-style-type: none"> <li>▪ Identify and explain the key concepts of group dynamics</li> <li>▪ Discuss and demonstrate the dynamics of conflict resolution and negotiation, and their importance within the business environment</li> <li>▪ Demonstrate effective teamwork, share responsibilities, accept supervision and assume leadership roles</li> <li>▪ Demonstrate cooperative working relationships and proper etiquette across gender and cultural groups</li> </ul>	<p><b>Integrated in content area skills</b></p>
<p><b>3. Thinking and Problem-Solving Skills</b></p> <ul style="list-style-type: none"> <li>▪ Critical and creative thinking skills</li> <li>▪ Logical reasoning and problem-solving skills</li> <li>▪ Numerical estimation, measurement, and calculation</li> <li>▪ Identify, locate, and organize needed information and propose, evaluate, and select alternative solutions</li> </ul>	<p><b>3. Understand the importance of critical thinking and problem-solving skills in the workplace.</b></p> <ul style="list-style-type: none"> <li>▪ Apply critical and creative thinking skills in a work environment and implement a plan of improvement as needed</li> <li>▪ Demonstrate logical reasoning and problem solving skills in a work environment</li> <li>▪ Apply numerical estimation, measurement and calculation skills to business applications including the following: <ul style="list-style-type: none"> <li>→ Whole number math</li> <li>→ Decimals &amp; fractions</li> <li>→ Counting &amp; monetary functions</li> <li>→ Use of tables &amp; graphs</li> </ul> </li> <li>▪ Recognize problem situations; identify, locate and organize needed information, and propose, evaluate and select from alternate solutions</li> </ul>	<p><b>Integrated in content area skills</b></p>

CAREER PERFORMANCE STANDARDS	EXPECTED STUDENT OUTCOMES	HOURS
<b>Instruction will include:</b>	<b>Student will be able to:</b>	
<p><b>4. Communication Skills</b></p> <ul style="list-style-type: none"> <li>▪ Written communications</li> <li>▪ Verbal and Nonverbal communications</li> <li>▪ Active and effective listening</li> <li>▪ Proper etiquette in business communications</li> <li>▪ Writing and editing skills</li> <li>▪ Use of reference material and handbooks</li> <li>▪ Oral presentations</li> </ul>	<p><b>4. Understand principles of effective communication.</b></p> <ul style="list-style-type: none"> <li>▪ Read and implement written instructions, technical manuals, written communication, and reference books</li> <li>▪ Present a positive image of verbal and nonverbal communication through use of appropriate methods</li> <li>▪ Demonstrate active and effective listening skills through verbal, nonverbal and written feedback</li> <li>▪ Demonstrate proper etiquette in business communications, including an awareness of requisite for international communications (languages, customs, and time zones)</li> <li>▪ Demonstrate the following writing and editing skills: <ul style="list-style-type: none"> <li>→ Use correct grammar, punctuation, capitalization, vocabulary and spelling</li> <li>→ Write, proofread and edit</li> <li>→ Select and use appropriate forms of communication</li> </ul> </li> <li>▪ Exhibit a proficiency in the use of reference materials such as dictionary, thesaurus, telephone directory, almanac, zip code directory, and office handbooks</li> </ul>	<p><b>Integrated in content area skills</b></p>
<p><b>5. Occupational Safety</b></p> <ul style="list-style-type: none"> <li>▪ Good safety practices</li> </ul>	<p><b>5. Understand occupational safety issues, including avoidance of physical hazards</b></p> <ul style="list-style-type: none"> <li>▪ Model and implement good safety practices including: <ul style="list-style-type: none"> <li>→ Avoidance and reporting of physical hazards in the work environment</li> <li>→ Safe operation of equipment</li> <li>→ Proper handling of hazardous materials</li> </ul> </li> </ul>	<p><b>Integrated in content area skills</b></p>

CAREER PERFORMANCE STANDARDS	EXPECTED STUDENT OUTCOMES	HOURS
<b>Instruction will include:</b>	<b>Student will be able to:</b>	
<p><b>6. Employment Literacy</b></p> <ul style="list-style-type: none"> <li>▪ Expand awareness of career opportunities</li> <li>▪ Set employment goals and objectives</li> <li>▪ Aptitudes, personal characteristics and interests</li> <li>▪ Develop portfolio to C-TAP standards</li> <li>▪ Develop interviewing techniques</li> </ul>	<p><b>6. Understand career paths and strategies for obtaining employment.</b></p> <ul style="list-style-type: none"> <li>▪ Explore career opportunities and develop a career plan</li> <li>▪ Identify steps for setting goals and writing personal goals and objectives</li> <li>▪ Examine aptitudes related to career options; relate personal characteristics and interests to educational and occupational opportunities</li> <li>▪ Develop a portfolio to include the following: <ul style="list-style-type: none"> <li>→ Letter of Introduction</li> <li>→ Cover letter</li> <li>→ Resume</li> <li>→ Thank you letter</li> <li>→ Job application</li> <li>→ Licenses, Certificates and Awards</li> <li>→ Transcripts</li> <li>→ Letters of Recommendation</li> <li>→ Work Samples</li> </ul> </li> </ul>	<p><b>Integrated in content area skills</b></p>
<p><b>7. Technology Literacy</b></p> <ul style="list-style-type: none"> <li>▪ Apply Industry specific technology</li> <li>▪ Use Industry specific software</li> <li>▪ Demonstrate Keyboarding</li> <li>▪ Accessing information</li> <li>▪ Lifelong enhancement of technology skills</li> </ul>	<p><b>7. Understand and adapt to changing technology.</b></p> <ul style="list-style-type: none"> <li>▪ Identify and demonstrate use of appropriate technology</li> <li>▪ Identify and use industry specific software</li> <li>▪ Demonstrate proficiency in alphanumeric keyboarding</li> <li>▪ Input and retrieve information</li> <li>▪ Understand the importance of lifelong learning in adapting to changing technology</li> </ul>	<p><b>Integrated in content area skills</b></p>

**10. ADDITIONAL RECOMMENDED /OPTIONAL ITEMS**

**a. ARTICULATION:**

**b. VOCATIONAL CREDIT:**

**c. ACADEMIC CREDIT:**

**d. INSTRUCTIONAL STRATEGIES:**

**e. INSTRUCTIONAL MATERIALS:**

**f. CERTIFICATES:**