

**UNIVERSITY OF ALASKA FAIRBANKS**  
**Student Learning Outcomes Assessment Plan**  
**Unmanned Aircraft Operations OEC**  
**Community and Technical College**

| Expanded Statement of Institutional Purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Intended Objectives/Outcomes                                                                                                                                                                                                                                        | Assessment Criteria and Procedures                                                                                                                                                                                                                                                                                                                                                                                 | Implementation (what, when, who)                                                                                                                                                                                                                                                                                            |
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| <p><b>MISSION STATEMENT:</b><br/> The Unmanned Aircraft Operations OEC provides students with technical, and professional skills required for entry-level employment into the emerging drone field.</p> <p><b>GOAL STATEMENT:</b><br/> <b>Prepare students for entry-level employment in the operations of unmanned aircraft.</b></p> <p>1. Make students the most attractive candidates for job openings and promotions within the unmanned aviation industry and related fields within Alaska.</p> <p>2. Provide a learning environment where students can obtain high-quality classroom education, hands-on training and practical vocational experience in a unique Alaskan Aviation environment.</p> <p>3. Be responsive to the needs of communities, industry and governments throughout Alaska with respect to the requirements of unmanned aviation.</p> | <p>Students who complete the Unmanned Aircraft Operations OEC will possess the skills and knowledge to become highly competitive candidates for job openings and promotions in flying, repairing and maintaining unmanned aircraft and related ground stations.</p> | <p>Graduates will secure employment in unmanned aircraft or a closely related field or go on for additional education, training, or experience within one year.</p> <p>Students will demonstrate satisfactorily skill in each aspect and subject for each class listed in the OEC.</p> <p>Graduates will pass the following FAA written exams on the first try<br/> <b>Remote Pilot Certificate. (FAA 107)</b></p> | <p>The program faculty will track students and the Program Head will collect data every fall semester and provide it to the program review committee.</p> <p>Results will be compiled by the Program head annually from the FAA reports of Testing Norms for Remote Pilot and provided to the program review committee.</p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>Employers will be satisfied that graduates possess the skills and knowledge expected of professionals in the aviation industry.</p>                                                                                                                              | <p>Written and/or oral assessment of employers and advisory committee members about computation, communication, human relations and technical skills of employed graduates.</p>                                                                                                                                                                                                                                    | <p>Program head will conduct surveys and provide information to the faculty and program review committee.</p>                                                                                                                                                                                                               |
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