

July 31, 2023 1 –3 pm ZOOM

Absent: Monty Johnson

The May minutes were approved as recorded.

Vote	Program	Discussion
Approved	Aviation Maintenance Technology AAS 95.5 cr TRF Major ID: AVI2 MinnState approval: 8-14-2023	Effective Fall 2023 Program Decrease to 94 credits 1 st Fall: AVIA 1011, 1021, 1022, 1023, 1024, 1026, 1027, 1028, 1029, 1030, 2001, ENGL 1111 1 st Spring: AVIA 2008, 2023, 2025, 2026, 2029, 2030, 2032, ENGL 1112 2 nd Fall: AVIA 2018, 2033, 2034, 2035, 2036, 2037, 2115, 2116, 2123, 2125, 2127, Goal 3 or G4 2 nd Spring: AVIA 2102, 2121, 2128, 2133, 2134, CRLT 2103, Goal 5, Goal 6
Approved	Aviation Maintenance Technology Diploma 83.5 cr TRF Major ID: AVI1 MinnState approval: 8-14-2023	Effective Fall 2023 Program Decrease to 82 credits 1 st Fall: AVIA 1011, 1021, 1022, 1023, 1024, 1026, 1027, 1028, 1029, 1030, 2001 1 st Spring: AVIA 2008, 2023, 2025, 2026, 2029, 2030, 2032, SSCI 1101 2 nd Fall: AVIA 2018, 2033, 2034, 2035, 2036, 2037, 2115, 2116, 2123, 2125, 2127 2 nd Spring: AVIA 2102, 2121, 2128, 2133, 2134, CRLT 2103
Approved	Aviation Maintenance Technician Plus Certificate 15 cr TRF Major ID: T715 MinnState approval: 8-14-2023 13 credits	Effective Fall 2023 Program Increased to 16 credits Drop AVET 2131 Avionics I 5 cr Drop CPTR 1136 Networking I 4 cr Add AVET 2142 Avionics 2 cr Add AVIA 1011 Basic Electricity 5 cr Add AVIA 2025 Non-Metallic Struct 3 cr
Approved	Unmanned Aircraft Systems Maintenance Technician Certificate 28 cr TRF Major ID: T705 MinnState approval: 8-14-2023 27 cr 27 cr Do not see name change approval.	Effective Fall 2023 Program Name Change to: Uncrewed Aircraft Systems Maintenance Technician Program Decrease to 27 credits Drop AVET 2131 Avionics I 5 cr Drop AVET 2141 Avionics II 4 cr Drop CPTR 1136 Networking I 4 cr

		Drop UAST 2118 Adv Composites 1.5 cr Drop UAST 2119 Adv Composites II 1.5 cr Add AVET 2142 Avionics 2 cr Add AVIA 2025 Non-Met Struct 3 cr Add AVIA 1011 Basic Electricity 5 cr Add UAST 2121 Adv Composites 3 cr Add AVIA 2034 Comm-Nav 2 cr
Approved	Welding Process Technology Diploma 34 cr TRF Major ID: T603	Effective Fall 2023 DROP 30 cr WELD courses: WELD 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309 1400, 1401, 1402. 1403, 1404, 1405, 1406, 1430 1500, 1501, 1502, 1503, 1504 1600, 1601, 1602, 1603 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708 1800, 1801, 1802, 1803, 1804, 1805, 1806 ADD 30 cr new WELD courses: 1 st Fall: WELD 1220, 1230, 1240, 1320, 1330, 1340 1 st Spring: 1420, 1440, 1450, 1510, 1610, 1710, 1720, 1730, 1810
Approved	Welding Process Technology GMAW Certificate 10 cr TRF Major ID: T608	Effective Fall 2023 DROP 6 cr WELD courses: WELD 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309 ADD 6 cr new WELD courses: WELD 1320, 1330, 1340
Approved	Welding Process Technology GTAW Certificate 9 cr TRF Major ID: T609 MinnState approval: 8-14-2023	Effective Fall 2023 Program Increase to 10 credits DROP 5 cr WELD courses: WELD 1400, 1401, 1402. 1403, 1404, 1405, 1406, 1430 ADD 6 cr new WELD courses: WELD 1420, 1440, 1450
Approved	Welding Process Technology SMAW Certificate 12.25 cr TRF Major ID: T607 MinnState approval: 8-14-2023	Effective Fall 2023 Program Decrease to 10 credits DROP 8.5 cr WELD courses: WELD 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213 ADD 6 cr new WELD courses: WELD 1220, 1230, 1240
Approved	Electrical Engineering Technician AAS 60 cr TRF Major ID: T800	Effective Fall 2023

	<p>Name since May 2022</p> <p>Program name changing back to: Electronics Technology Automated Systems AAS 60 cr TRF Major ID: T357</p> <p>MinnState approval: 8-14-2023 HLC of reinstatement of initially approved curriculum</p> <p>Suspend as of 8-14-2023 – no faculty</p>	<p>Reverting back to previously approved program name and curriculum.</p> <p>1st Fall: ETAS 1101, 1103, 1110, ENGL 1111 1st Spring: ETAS 1104, 1106, 2220, 2230, ENGL 2207 2nd Fall: ETAS 1560, 2221, 2224, MATH 1110, Goal 5 (ECON 2201 or 2202) 2nd Spring: ETAS 2228, 2232, 2250, MNTC Elec 3 cr, Program Elec 3 cr (BUSN1110, CMAE1522, MKTG1108, MKTG2200)</p>
Approved	<p>Industrial Automation Control Technician AAS 60 cr TRF Major ID: T810 MinnState approval: 8-14-2023</p>	<p>Suspend as of 7-31-2023 No faculty</p>
Approved	<p>Mechatronics AAS 60 cr EGF Major ID: E358</p> <p>MinnState approval: 8-14-2023 HLC of reinstatement of initially approved curriculum</p>	<p>Effective Fall 2023 Reverting back to previously approved curriculum:</p> <p>1st Fall: CMAE 1514, CMAE 1518, ETAS 1101, MAPT 1101, SPCH 1103, Goal 4 (MATH 1102 or MATH 1110) 1st Spring: CMAE 1522, CMAE 1526, ETAS 2224, MAPT 1110, MAPT 2200 2nd Fall: ETAS2230, ETAS 2580, MAPT 2110, ENGL 1111, Goal 5 (PSYC 1105 or SOCI 1101) 2nd Spring: ETAS 1560, ETAS 2221, MAPT 2585, MAPT 2800, ENGL 2207</p>
Approved	<p>Mechanical Certificate 16 cr EGF Major ID: E359 MinnState approval: 8-14-2023</p>	<p>Suspend-Closed as of 7-31-2023</p>
Approved	<p>Automation Certificate 16.5 cr EGF Major ID: E360 MinnState approval: 8-14-2023</p>	<p>Suspend-Closed as of 7-31-2023</p>

Course Changes

Vote	Course	Discussion
Approved	UAST 2121 Advanced Composites 3 cr	New course 3cr 1.5/1.5/0
Approved	AVIA 1001, 1002, 1006, 1008, 2012, 2014, 2016, 2017, 2103, 2105, 2107, 2108, 2113, 2114	Inactivate 7-31-2023
Approved	EETT 1000, 1005, 1010, 1015, 1100, 1105, 1110, 1200, 1205, 1210, 1215, 1220, 1225, 1300, 1305, 1310, 1400, 1405, 1410, 1415, 1420, 1425, 1500, 1505, 1510, 1600, 1605, 1610, 1615, 1620, 1700, 1800, 1805, 1810, 2000, 2005, 2100, 2105, 2110, 2115, 2200, 2205, 2210, 2215, 2220, 2300, 2305, 2310, 2400, 2405, 2410, 2415, 2500, 2505, 2510, 2515, 2520	Inactivate 7-31-2023

Approved	IACT 1000, 1005, 1010, 1015, 1100, 2000, 2005, 2010, 2015, 2020, 2025, 2100, 2105, 2110, 2115, 2120, 2125, 2130, 2135, 2140	Inactivate	7-31-2023
Approved	MECH 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 2000, 2001, 2999	Inactivate	7-31-2023
Approved	WELD 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309 1400, 1401, 1402. 1403, 1404, 1405, 1406, 1430 1500, 1501, 1502, 1503, 1504 1600, 1601, 1602, 1603 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708 1800, 1801, 1802, 1803, 1804, 1805, 1806	Inactivate	5-31-2023
Approved	WELD 1220 SMAW 1 2 cr 1/1/0	New course	
Approved	WELD 1230 SMAW 2 2 cr .5/1.5/0	New course	
Approved	WELD 1240 SMAW 3 2 cr .5/1.5/0	New course	
Approved	WELD 1320 GMAW 1 2 cr 1/1/0	New course	
Approved	WELD 1330 GMAW 2 2 cr .5/1.5/0	New course	
Approved	WELD 1340 GMAW 3 2 cr .5/1.5/0	New course	
Approved	WELD 1420 GTAW 1 2 cr .5/1.5/0	New course	
Approved	WELD 1440 GTAW 2 2 cr 1/1/0	New course	
Approved	WELD 1450 GTAW 3 2 cr 1/1/0	New course	
Approved	WELD 1510 FCAW 1 2 cr .5/1.5/0	New course	
Approved	WELD 1610 Fabrication 3 cr 1/2/0	New course	
Approved	WELD 1710 Manual Cutting 2 cr 1/1/0	New course	
Approved	WELD 1720 CNC Fund--CAD 2 cr 1/1/0	New course	
Approved	WELD 1730 CNC Cutting 1 cr .5/.5/0	New course	
Approved	WELD 1810 Qualifications 2 cr .5/1,5/0	New course	
Approved	AVIA 1011 Basic Electricity 5 2.5/2.5/0	.75/4.25/0	update from March
Approved	AVIA1023 Public-Form-Record 3.25 2/1.25/0	3 cr 1.5/1.5/0	update from March
Approved	AVIA 1024 Operations-Service 1.75 1/.75/0	2 cr 1.5/.5/0	update from March
Approved	AVIA 1027 Aircraft Drawings 0.75 .5/.25/0	1 cr 1/0/0	update from March
Approved	AVIA 1029 Materials-Processes 2.5 1.5/1/0	3 cr 2.5/.5/0	update from March
Approved	AVIA 1030 Fluid Lines 0.75 .5/.25/0	1 cr .75/.25/0	update from March
Approved	AVIA 2023 Fabric-Finishes 2.75 1.25/1.5/0	3 cr 1.75/1.25/0	update from March
Approved	AVIA 2025 Non-Metallic Struct 2.75 1/1.75/0	3 cr 1.5/1.5/0	update from March
Approved	AVIA 2026 Sheet Metal 6.5 2/4.5/0	6 cr 1/5/0	update from March
Approved	AVIA 2030 Landing Gear 2.5 1.25/1.25/0	2 cr 1/1/0	update from March
Approved	AVIA 2033 Aircraft Instruments 0.75 .5/.25/0	1 cr 1/0/0	update from March

Approved	AVIA 2035 Aircraft Fuel Sys	0.75 .5/.25/0	1 cr 1/0/0	update from March
Approved	AVIA 2116 Power Plant Sys 2	4.5 2.25/2.25/0	4 cr 1.25/2.75/0	update from March
Approved	AVIA 1001 Aviation Math	.75 .5/.25/0	1 cr 1/0/0	AVIA 1021
Approved	AVIA 1002 Aircraft Physics	.75 .5/.25/0	1 cr 1/0/0	AVIA 1022
Approved	AVIA 1006 Corrosion Control	1.5 1/.5/0	1 cr 0/1/0	AVIA 1026
Approved	AVIA 1008 Weight-Balance	1.5 1/.5/0	1 cr 0/1/0	AVIA 1028
Approved	AVIA 2012 Cabin Atmosphere	1.5 .75/.75/0	1 cr 0/1/0	AVIA 2032
Approved	AVIA 2014 Communic-Nav	1.5 .75/.75/0	2 cr 1.75/.25/0	AVIA 2034
Approved	AVIA 2016 Ice-Rain Sys	1.5 .75/.75/0	1 cr 0/1/0	AVIA 2036
Approved	AVIA 2017 Fire Protec Sys	1.5 .75/.75/0	2 cr 1.75/.25/0	AVIA 2037
Approved	AVIA 2103 Engine Inst	1.5 .75/.75/0	1 cr 0/1/0	AVIA 2123
Approved	AVIA 2105 Engine Elec Sys	1.5 .75/.75/0	2 cr 1.75/.25/0	AVIA 2125
Approved	AVIA 2107 Ignition-Start Sys	1.5 .75/.75/0	2 cr 1.75/.25/0	AVIA 2127
Approved	AVIA 2108 Fuel Meter Sys	1.5 .75/.75/0	1 cr 0/1/0	AVIA 2128
Approved	AVIA 2113 Aircraft Propellers	1.5 .75/.75/0	2 cr 1.75/.25/0	AVIA 2133
Approved	AVIA 2114 Aircraft Eng Insp	1.5 .75/.75/0	1 cr 0/1/0	AVIA 2134
Approved	ETAS 1101 DC Power	3 cr 2/1/0	Reactive	
Approved	ETAS 1103 AC Power	3 cr 2/1/0	Reactive	
Approved	ETAS 1104 Analog Circuits	3 cr 2/1/0	Reactive	
Approved	ETAS 1106 Digital Electronics	3 cr 2/1/0	Reactive	
Approved	ETAS 1110 Design-Fabrication	3 cr 0/3/0	Reactive	
Approved	ETAS 1560 Robotic Programming I	2 cr 1/1/0	Reactive	
Approved	ETAS 2200 Microcontrollers I	4 cr 2/2/0	Reactive	
Approved	ETAS 2221 Sensor Technology	4 cr 3/1/0	Reactive	
Approved	ETAS 2224 Program Logic Controllers	4 cr 3/1/0	Reactive	
Approved	ETAS 2228 New Technology	3 cr 2/1/0	Reactive	
Approved	ETAS 2230 Motor Controls	3 cr 2/1/0	Reactive	
Approved	ETAS 2232 Microcontrollers II	4 cr 2/2/0	Reactive	
Approved	ETAS 2580 Hydraulics-Pneumatics	3 cr 2/1/0	Reactive	
Approved	MAPT 1101 Manufac Cmptr Apps	2 cr 2/0/0	Reactive	
Approved	MAPT 1110 Mechanical Systems I	3 cr 1/2/0	Reactive	
Approved	MAPT 2110 Mechanical Systems II	3 cr 1/2/0	Reactive	
Approved	MAPT 2200 Fabrication Techniques	4 cr 1/3/0	Reactive	
Approved	MAPT 2585 Adv Hydraulic-Pneumatic	3 cr 2/1/0	Reactive	
Approved	MAPT 2800 Automated Systems	3 cr 1/2/0	Reactive	

Aviation Transition Plan

Transition Plan: Current students will shift into the new block schedule with one change from future class, the current students will not need to take **AVIA 2033 Aircraft Instruments** at the begging of the semester, as they will have already taken this spring as **AVIA 2013 Aircraft Instruments**.

- This is a subtraction by .75 credit load for this semester only, but the total credits required for the students will not be changed
- No Changes are being made to the MN Transfer Curriculum for the AAS, all changes made to the AAS are the same as the diploma.

Program Specific Requirements (Standing Agenda Item)

None

2023-24 Meeting Schedule

Day	Date	Time	Location
Tuesday	September 12	10 am – 12 pm	ZOOM
Wednesday	October 11	1 – 3 pm	ZOOM
Tuesday	November 7	1 – 3 pm	ZOOM
Wednesday	December 6	10 am – 12 pm	ZOOM
Wednesday	January 17	1 – 3 pm	ZOOM
Tuesday	February 13	10 am – 12 pm	ZOOM
Wednesday	March 27	1 – 3 pm	ZOOM
Tuesday	April 16	10 am – 12 pm	ZOOM
Tuesday	May 7	10 am – 12 pm	ZOOM