

A. NAME OF DOCKET ITEM

Consideration and approval of revised programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose

The following curriculum changes are proposed:

Aeronautical and Aviation Technology	Adoption of a program revision at Miramar College.	Attachment A1-A3
Music	Adoption of a program revision at Miramar College.	Attachment B

2. Cost and Funding

There is no additional cost to the District

C. PROPOSAL

The Board of Trustees hereby approves the action outlined in Part A of this docket exhibit.

Henry T. Ingle, Ph.D.
Vice Chancellor
Instructional Services, Planning and Technology

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

(Revision made to Award Title)

(New Award)

**Certificate of Completion
Commercial Pilot Option**

Courses:	Units
AVIA 133, Human Factors in Aviation.....	3
AVIA 201, Commercial Airline Pilot Instruction.....	3
Total Units = 6	

**Certificate of Completion
Helicopter Operations**

The Certificate of Completion Helicopter Operations provides an introduction to helicopter operations and careers.

Courses:	Units
AVIA 133, Human Factors in Aviation.....	3
Avia 151, Helicopter Pilot Ground School.....	3
Total Units = 6	

**Certificate of Completion
Flight Instructor Option**

Courses:	Units
AVIA 133, Human Factors in Aviation.....	3
AVIA 212, Flight Instructor Ground School.....	4
Total Units = 7	

**Certificate of Completion
Team Resource Management**

The award of this Certificate represents a focused study of the human factors which affect performance in high-risk teams.

Courses:	Units
AVIA 128, Group Dynamics: Teams Under Stress.....	3
AVIA 133, Human Factors in Aviation.....	3
AVIA 228, Group Dynamics II.....	3
Total Units = 9	

**Certificate of Completion
Private Pilot Option**

Courses:	Units
AVIA 101, Private Pilot Ground School.....	3
AVIA 133, Human Factors in Aviation.....	3
Total Units = 6	

**Certificate of Completion
Instrument Pilot Option**

Courses:	Units
AVIA 133, Human Factors in Aviation.....	3
AVIA 199, Instrument Ground School.....	4
Total Units = 7	

**(Revision:
Delete AVIM 120, Add AVIM 125)**

**Certificate of Achievement or
Associate in Science Degree:
Aviation Maintenance Technology**

Airframe

Courses Required for the Major:	Units
General Curriculum	
AVIM 100, General Aviation Technology Theory.....	12
AVIM 100S, General Aviation Maintenance Technology Practices.....	4
AVIM 109D, Aircraft Fire Protection and Digital Logic.....	1
AVIM 120, Basic D.C. Electronics Theory.....	3
AVIM 121A, Basic D.C. Electronics Lab	1.5
AVIM 125, Aviation and Airport Management	3
Airframe Curriculum	
AVIM 103A, Aircraft Wood, Fabric, Finishing and Composite Structures	3
AVIM 104A, Applied Aircraft Wood, Fabric Finishing and Composite Structures.....	1.5
AVIM 103B, Aircraft Welding and Sheetmetal Structures.....	3
AVIM 104B, Applied Aircraft Welding and Sheetmetal Structures	1.5
AVIM 103C, Aircraft Hydraulic Systems	3
AVIM 104C, Applied Aircraft Hydraulic Systems	1
AVIM 103D, Aircraft Landing Gear Systems	3
AVIM 104D, Applied Aircraft Landing Gear Systems.....	1
AVIM 105A, Aircraft Cabin Atmosphere Control	1.5
AVIM 106A, Aircraft Cabin Atmosphere Control ...	0.5
AVIM 105B, Aircraft Assembly, Rigging and Inspection	1.5
AVIM 106B, Applied Aircraft Assembly, Rigging and Inspection.....	1
AVIM 109A, Airframe Electrical Systems.....	3
AVIM 110A, Airframe Electrical Systems Laboratory	1
Total Units = 47	

**Certificate of Achievement or
Associate in Science Degree:
Aviation Maintenance Technology**

Powerplant

Courses Required for the Major:	Units
General Curriculum	
AVIM 100, General Aviation Technology Theory	12
AVIM 100S, General Aviation Maintenance Technology Practices	4
AVIM 109D, Aircraft Fire Protection and Digital Logic	1
AVIM 120, Basic D.C. Electronics Theory.....	3
AVIM 121A, Basic D.C. Electronics Laboratory.....	1.5
AVIM 125, Aviation and Airport Management	3
Powerplant Curriculum	
AVIM 107B, Turbine Engines	3
AVIM 108B, Turbine Engines Laboratory.....	1
AVIM 109B, Powerplant Ignition Systems	2
AVIM 110B, Applied Powerplant Ignition Systems .	0.5
AVIM 109C, Powerplant Electrical Systems	3
AVIM 110C, Powerplant Electrical Systems Laboratory	0.5
AVIM 111C, Reciprocating Engines I	3
AVIM 112C, Applied Reciprocating Engines I.....	2
AVIM 111D, Reciprocating Engines II.....	3
AVIM 112D, Applied Reciprocating Engines II.....	1
AVIM 241, Aircraft Propeller Systems Lecture	3
AVIM 242, Aircraft Propeller Systems Laboratory	1
AVIM 249, Induction and Fuel Metering.....	3
AVIM 250, Applied Induction and Fuel Metering	1
AVIM 253, Lubricating, Cooling, and Exhaust.....	3
AVIM 254, Applied Lubricating, Cooling, and Exhaust.....	1
Total Units = 52.5	

*(Revision:
Delete AVIM 120, Add AVIM 125)*

**Certificate of Achievement or
Associate in Science Degree:
Aviation Operations
Management**

Courses Required for the Major	Units
AVIA 101, Private Pilot Ground School	3
AVIA 105, Introduction to Aviation & Aerospace.....	3
AVIM 120, Basic D.C. Electronics Theory.....	3
AVIM 125, Aviation and Airport Management	3
AVIA 128, Group Dynamics: Teams Under Stress.....	3
AVIA 133, Human Factors in Aviation.....	3
AVIA 195, Basic Instrument Flight Procedures.....	3
AVIA 196, Basic Instrument Flight Lab	1
BUSE 119, Business Communications.....	3
BUSE 201, Business Organization and Management...	3
Total Units = 25	

**Certificate of Achievement or
Associate in Science Degree:
Aviation Operations
Professional Pilot**

Courses Required for the Major	Units
AVIA 101, Private Pilot Ground School	3
AVIA 105, Introduction to Aviation and Aerospace.....	3
AVIM 120, Basic D.C. Electronics Theory.....	3
AVIM 125, Aviation and Airport Management	3
AVIA 128, Group Dynamics: Teams Under Stress.....	3
AVIA 133, Human Factors in Aviation.....	3
AVIA 199, Instrument Ground School.....	4
AVIA 201, Commercial Airline Pilot Instruction	3
AVIA 212, Flight Instructor Ground School.....	4
Total Units = 26	

Music

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

(Changed title to Music Production and Engineering and moved certificate under Music Production and Engineering)

Certificate of Completion:

~~Digital Music~~ Music Production and Engineering

Courses:	Units
MUSI 190, The Electronic Music Studio	3
MUSI 201, Recording Arts	3
MUSI 202, Computer Music	3
MUSI 205A, Projects in Electronic Music	3
MUSI 205B, Projects in Electronic Music	3
	Total Units = 15