

# George T. Baker Aviation Technical College

3275 N.W. 42nd Avenue Miami, FL 33142



January 09, 2017 - April 07, 2017

## AIRCRAFT MAINTENANCE MECHANIC & AVIONICS TECHNICIAN PROGRAMS

- \* Aircraft Airframe Mechanic
- \* Aircraft Powerplant Mechanic
- \* Avionics Technician

Office Hours: Monday - Friday / 6:30 a.m. - 10:00 p.m.

Financial Aid available for those who qualify. [www.fafsa.ed.gov](http://www.fafsa.ed.gov)

School Code: **030798**

Financial Aid Officer is available to students  
Monday - Wednesday / 11:45 a.m. - 6:00 p.m.  
(Check Financial Aid Board for any changes in schedule)

### High School Academy also available!

Apply today at:  
<http://bakeraviation.edu/apply/index.html>

George T. Baker Aviation Technical College is a public, tax-supported institution authorized by the Florida Department of Education and operated by the Miami-Dade County Public School System. It is accredited by the Council on Occupational Education (COE) and the National Center for Aircraft Technician Training (NCATT) and is certified by the Federal Aviation Administration under Part 147 of the Federal Aviation Regulations. Certificate # **CT9T072R**.

Visit our school website at [www.BakerAviation.edu](http://www.BakerAviation.edu)

[www.facebook.com/BakerAviation](https://www.facebook.com/BakerAviation)

[www.twitter.com/Baker\\_Aviation](https://www.twitter.com/Baker_Aviation)



### Books may be purchased at the Bookstore

Hours: 8:00 am - 11:30 am / 12:00 pm - 4:30 pm / 5:00 pm - 8:30 pm Days: Monday - Friday

A & P Program		Electronics Program		Supplies	
1. A&P Gen Textbook & Workbook	72.82	27. Microwave Comms	38.18	40. 6" Ruler	3.29
3. Gen Test Guide/Oral & Practical	18.71	28. Fiber Optics	41.62	41. Bic Pen	.60
12. AF Test Guide/Oral & Practical	18.71	35. A. C. Circuits	67.31	42. Highlighter	.67
13. A&P AF Text & Workbook	77.22	36. Analog Circuits	62.69	43. Pencil	.11
14. ASA Gen Test Guide	13.45	37. Digital Circuits	66.42	44. USB Memory Sticks	9.90
15. ASA AF Test Guide	13.45	38. Microprocessors	38.51	45. Safety Glasses	7.57
16. ASA PP Test Guide	13.45	49. Communications	58.79		
22. PP Test Guide/Oral & Practical	18.71	50. D. C. Circuits	56.39		
23. A&P PP Text & Workbook	77.22				
25. Gas Turbine PP Textbook	61.78	<b>Avionics Program</b>			
30. Aircraft Inspection & Repair	22.45	47. Avionics Textbook	54.85	<b>Price does not include sales tax</b>	
31. FAR-AMT	22.45	48. Avionics Workbook	17.30	<b>* Prices are subject to change without notice</b>	
32. Aircraft Technician Dictionary	24.24	51. Avionics Elec. Textbook	40.74	<i>Revised 12/01/16</i>	
		52. Avionics Elec. Workbook	13.38		

### Required General Program Tools

Tool box 18" x 8" x 9" Steel with tool tray  
Inspection mirror, round, 2 1/4"  
Steel scale, 6" (1/32" and 1/64")

Safety glasses/goggles, Clear with side shields ANSI  
Hearing protector (Ear muff style) ANSI  
Flashlight with batteries

### Required Airframe and Powerplant Program Tools

#### Socket wrenches:

##### 1/4" Drive Socket Set:

##### Standard 12 point sockets:

5/32" 3/16" 7/32" 1/4" 9/32" 5/16" 11/32" 3/8" 7/16" 1/2" 9/16"

##### Deep 12 point sockets:

5/32" 3/16" 7/32" 1/4" 9/32" 5/16" 11/32" 3/8" 7/16" 1/2" 9/16"

##### Drive tools:

1/4" Quick release ratchet

1 1/2" Extension bar

6" Extension bar

12" Extension bar

##### 3/8" Drive Socket Set:

##### Standard 12 point sockets:

3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8"

##### Deep 12 point sockets:

3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8"

##### Drive Tools:

3/8" Quick release ratchet

3" Extension bar

6" Extension bar

Universal joint

#### Screwdrivers:

3/16"x4" Slotted 1/4"x1 1/2" Slotted

1/4"x6" Slotted #1x3" Phillips

#2x1 1/2" Phillips #2x6" Phillips

#### Wrenches:

##### Combination 12 point wrenches:

1/4" 5/16" 11/32" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8"

##### Combination open end wrenches:

1/4"-5/16" 3/8"-7/16" 1/2"-9/16"

5/8"-11/16" 3/4"-13/16" 7/8"-15/16"

#### Ignition wrench set

#### Hex keys set

#### Pliers:

7" Diagonal cutters 8" Needle nose

8" Slip joint 9 1/2" Arc joint

8" Duckbill

#### Punches and Chisels:

3/8" Center punch 3/32" Pin punch

1/8" Pin punch 5/32" Pin punch

3/16" Pin punch 1/2" Cold chisel

5/8" Cold chisel

#### Miscellaneous Tools:

12oz. Ball pein hammer

Gasket Scraper Magnetic tool, extendable

Mechanical fingers Scribe

George T. Baker Aviation Technical College

does not recognize nor promote one brand of tools over another brand.

Quality tools are expected (FAR 43.13) as inferior quality tools can cause damage and/or injury.

#### No Show Policy

- Students who are not present for a block, within two days, will be **withdrawn** as a no show from that block

#### Class Refund Policy

- Before start of trimester - full tuition refund
- Within first 14 days - 50% tuition refund
- After 14 days - no refund

A refund will be issued when due and shall be made within 45 days of the last day of attendance if written notification of withdrawal has been provided to the institution by the student, or from the date the institution terminates the student or determines withdrawal by the student. Student will be notified in writing if they are due a refund by the necessary form to process the refund payment. Retention of tuition and fees collected in advance for a student who does not commence class shall not exceed \$100.

#### School Board Members

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Mr. Robert G. Gornto, Assistant Superintendent, School Operations

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**Additional costs** There is a one-time \$15.00 application fee. Student Identification cards are \$15.00 per school year. Students are required to pay \$5.00 a trimester.

**Transfer Policy** No transfer between classes after 50% of class time / No transfer between programs after first class has been taken.

**Late Registration** A late registration fee of \$20.00 per class will be assessed for all classes not paid prior to the first day of class.

**Attention New Students** In order to qualify for in-state tuition rates, new students must provide TWO documents showing that they have been a FL resident for at least one year (FL Driver's License/ID, vehicle reg., voter card, etc.).

The School Board of Miami-Dade County, Florida adheres to a policy of non-discrimination in educational programs/activities and employment and strives affirmatively to provide equal opportunities to all.

Anti-Discrimination/Harassment (Students) - Board Policy 5517 and 5517.02

M-DCPRS does not discriminate on the basis of sex, race, color, ethnic or national origin, religion, marital status, disability, age, political beliefs, sexual orientation, gender, gender identification, social and family background, linguistic preference, pregnancy, or any other basis prohibited by law in its educational programs, services or activities or in hiring or employment practices. Please refer to School Board Policies 5517 - Anti-Discrimination/Harassment (Student) and 5517.02 - Discrimination/Harassment Complaint Procedures for Students for more information. Questions, complaints or requests for additional information regarding discrimination or harassment may be sent to: Executive Director, Civil Rights Compliance Office, 155 NE 15 Street, Suite P-104E, Miami, Florida 33132; PH: 305-995-1580 or e-mail address: [crco@dadeschools.net](mailto:crco@dadeschools.net). The District also provides equal access to its facilities to the Boy Scouts and other patriotic youth groups, as required by the Boy Scouts of America Equal Access Act.



**GENERAL**

AF 7:30 am	AF 5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>XXS6</b>	<b>XXR4</b>	Mathematics	02/01/17 - 03/07/17	60	\$153.60/\$615.00
<b>XXS8</b>	<b>XXR6</b>	Maintain Records and Regulations (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80/\$563.75
10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>WIQ3</b>	<b>WIQ1</b>	Ground Handling and Physics	01/12/17 - 02/23/17	70	\$179.20/\$717.50
<b>XXS2</b>	<b>XXR0</b>	Basic Electricity (PT 1 of 2)	02/24/17 - 04/07/17	75	\$192.00/\$768.75
PP 7:30 am	PP 5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>WIP6</b>	<b>WIP3</b>	Ground Handling and Physics	01/12/17 - 02/23/17	70	\$179.20/\$717.50
<b>XXP8</b>	<b>XXO4</b>	Basic Electricity (PT 1 of 2)	02/24/17 - 04/07/17	75	\$192.00/\$768.75
10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>XXQ2</b>	<b>XXP0</b>	Mathematics	02/01/17 - 03/07/17	60	\$153.60/\$615.00
<b>XXQ4</b>	<b>XXP2</b>	Maintain Records and Regulations (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80/\$563.75

**AIRFRAME I**

7:30 am	5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>XXN4</b>	<b>XXM7</b>	Aircraft Inspections	02/01/17 - 03/07/17	60	\$153.60/\$615.00
<b>XXN5</b>	<b>XXM8</b>	Sheetmetal (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80/\$563.75
10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>XXN0</b>	<b>XXM3</b>	Welding	02/17/17 - 03/07/17	30	\$76.80/\$307.50
<b>WIPO</b>	<b>WIO9</b>	Flight Theory and Assembly & Rigging (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80/\$563.75

**AIRFRAME II**

7:30 am	5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>WID8</b>	<b>WID7</b>	Cabin Atmosphere/Ice and Rain Removal (PT 1 of 2)	02/17/17 - 04/07/17	85	\$217.60/\$871.25
10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>WIO5</b>	<b>WIO1</b>	Comm. & Nav./Position & Warning/Instrument Sys.	02/01/17 - 03/30/17	100	\$256.00/\$1025.00
<b>XXM1</b>	<b>XXL2</b>	Fire Protection and Fuel Systems (PT 1 of 2)	03/31/17 - 04/07/17	15	\$38.40/\$153.75

**AIRFRAME I - ADDITIONAL SEQUENCE**

7:30 am	5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>VOT7</b>	<b>VOT1</b>	Welding	02/17/17 - 03/07/17	30	\$76.80/\$307.50
<b>VOT6</b>	<b>VOT0</b>	Flight Theory & Assembly & Rigging (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80/\$563.75

**AIRFRAME II - ADDITIONAL SEQUENCE**

10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>VOS4</b>	<b>VOR8</b>	Cabin Atmosphere/Ice & Rain Removal (PT 1 of 2)	02/17/17 - 04/07/17	85	\$217.60/\$871.25

\*NOTE: There is a \$13 Material Fee added to each block. Class schedule and tuition are subject to change.

**POWERPLANT I**

7:30 am	5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>XXK1</b>	<b>XXJ4</b>	Powerplant Inspection	02/01/17 - 03/07/17	60	\$153.60/\$615.00
<b>XXK2</b>	<b>XXJ5</b>	Turbine Powerplant Theory and Overhaul (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80/\$563.75
10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>XXJ8</b>	<b>XXJ1</b>	Engine Operation, Troubleshooting, and Repair	02/01/17 - 03/07/17	60	\$153.60/\$615.00
<b>XXJ9</b>	<b>XXJ2</b>	Reciprocating PP Theory and Overhaul (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80/\$563.75

**POWERPLANT II**

7:30 am	5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>XXI5</b>	<b>XXH8</b>	Engine Cooling, Induction and Exhaust	01/12/17 - 02/16/17	60	\$153.60/\$615.00
<b>TPM8</b>	<b>TPM7</b>	Fuel Metering and Systems (PT 1 of 2)	02/17/17 - 04/07/17	85	\$217.60 / \$871.25
10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>TPM6</b>	<b>TPM5</b>	Engine Electrical	01/12/17 - 03/07/17	90	\$230.40 / \$922.50
<b>XXI3</b>	<b>XXH6</b>	Engine Instrument and Fire Protection (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80 / \$563.75

**POWERPLANT I - ADDITIONAL SEQUENCE**

7:30 am	5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>TLQ1</b>	<b>TLQ0</b>	Turbine Engine Theory and Overhaul (PT 1 of 2)	02/01/17 - 04/07/17	115	\$294.40 / \$1178.75

**POWERPLANT II - ADDITIONAL SEQUENCE**

10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>VOP5</b>	<b>VOO7</b>	Lubrication Systems	02/17/17 - 03/07/17	30	\$76.80 / \$307.50
<b>VOP3</b>	<b>VOO6</b>	Ignition Systems (PT 1 of 2)	03/08/17 - 04/07/17	55	\$140.80 / \$563.75

\*NOTE: There is a \$13 Material Fee added to each block. Class schedule and tuition are subject to change.

**AVIONICS TECHNICIAN PROGRAM**

7:30 am	5:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>TOK8</b>	<b>TOI5</b>	AV1 - OCP A - Electronics Assembler	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOK4</b>	<b>TOI4</b>	AV1 - OCP B - Electronics Tester	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOJ8</b>	<b>TOJ7</b>	AV1 - OCP C - Electronics Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOJ3</b>	<b>TOJ2</b>	AV1 - OCP D - Electronics Equipment Repairer	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOJ1</b>	<b>TOJ0</b>	AV1 - OCP D - Half	01/09/17 - 02/24/17	80	\$204.80 / \$820.00
<b>TOI1</b>	<b>TOJ9</b>	AV2 - OCP A - AV Technical Publications Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOH9</b>	<b>TOH8</b>	AV2 - OCP B - AV Installer	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOH5</b>	<b>TOH4</b>	AV2 - OCP C - AV Communication System Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOH1</b>	<b>TOH0</b>	AV2 - OCP D - AV Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOG9</b>	<b>TOG8</b>	AV2 - OCP D - Half	01/09/17 - 02/24/17	80	\$204.80 / \$820.00
10:30 am	8:00 pm	BLOCK	DATES (M - F)	HRS	FEE FL / NON-FL
<b>TOK6</b>	<b>TOI3</b>	AV1 - OCP A - Electronics Assembler	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOK2</b>	<b>TOI2</b>	AV1 - OCP B - Electronics Tester	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOJ6</b>	<b>TOJ4</b>	AV1 - OCP C - Electronics Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOI9</b>	<b>TOI8</b>	AV1 - OCP D - Electronics Equipment Repairer	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOI7</b>	<b>TOI6</b>	AV1 - OCP D - Half	01/09/17 - 02/24/17	80	\$204.80 / \$820.00
<b>TOI0</b>	<b>TOK0</b>	AV2 - OCP A - AV Technical Publications Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOH7</b>	<b>TOH6</b>	AV2 - OCP B - AV Installer	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOH3</b>	<b>TOH2</b>	AV2 - OCP C - AV Communication System Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOG7</b>	<b>TOG6</b>	AV2 - OCP D - AV Technician	01/09/17 - 04/07/17	152.5	\$390.40 / \$1563.13
<b>TOG5</b>	<b>TOG4</b>	AV2 - OCP D - Half	01/09/17 - 02/24/17	80	\$204.80 / \$820.00

\*NOTE: There is a \$30 Material Fee added to each course. Class schedule and tuition are subject to change.