

Appli. #7

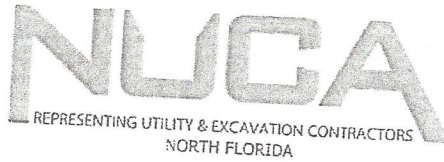
General Information

Name and address of high school: Trinity Christian Academy, 800 Hammond Blvd, Jacksonville, FL, 32221

Year of High School graduation: 2016

Name and address of college: Embry-Riddle Aeronautical University, 600 South Clyde Morris Blvd. Daytona Beach, FL 32114-3900

Anticipated Graduation Year: 2020 Major: Aviation Maintenance Science



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Academic Information

College GPA: Florida State College at Jacksonville: 3.75 Embry Riddle Aeronautical University 2.96

List SAT and/or ACT College Board Examination Scores: (Scores not appearing in your official transcripts may be submitted if attested by a high school official.)

1. SAT: 1680

2. ACT: 22

[Click here to enter text.](#)

College Academic Honors Received (awards, prizes or distinctions). Please include applicable year.

Scholarships:

Andrew Scott Johnson Memorial Scholarship 2016, 2017

Extra-Curricular Information

College activities/clubs (list separately with years involved and office held, if any)

Florida Tech ASCE Concrete Canoe team 2017

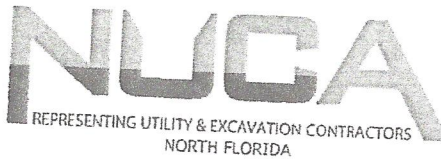
Florida Tech Integration bee 2017

Discovery Day 2017

College Sponsored Athletic Programs

(List separately with years involved)

None



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Community Service/Civic Groups
(List separately with years involved)

City Rescue Mission Bed Race Fund Raiser: 7, 8, 9

Seamark Ranch Mud Run fund raiser: 10, 11, 12

Office aid at Trinity Christian Academy. Total community service hours: 130

Brooks Rehabilitation Adaptive Sports, assisted clients during their adaptive shooting program: 10, 11, 12
Total Community Service hours: 52

Trinity Christian Academy Rifle club, assisted in training students of TCA in responsible and skilled firearm usage. Total community service hours: 24

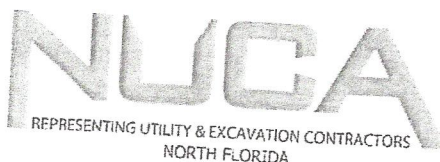
Discovery Day at Florida Tech 2017

Special recognition received: None

Hobbies and outside interests: Hobbies and outside activities: Hunting, Fishing, Horseback riding, Building functional model rockets, competitive shooting, longboarding

Work Experience

Describe any work experience. How long did you work there, what were your responsibilities, and what did you do with your earnings? Petticoat Schmitt Civil Contractors Summer 2017 and 2018, Heavy Equipment Mechanical Intern, working on heavy construction equipment. Layne Heavy Civil, Inc.: Summer 2012 Yard and shop maintenance; Four A Ranch: Ranch hand, working cattle, feed and care for livestock and fowl including cows, horses, goats, chickens, ducks and turkeys, yard and barn maintenance. 2008-present I saved my earnings.



What has your work experience taught you? My work experience has taught me that hard work pays off. If I apply myself with all the effort I have and try as hard as I can I will succeed.

Describe any extraordinary responsibilities you have at home or any information you think may be relevant for the judges to see. I am responsible for taking care of livestock on my parent's farm. I feed and take care of the cows, horses, goats, chickens, geese, turkey, and ducks.

ESSAY

500 words or less

(Provide as an attachment)

What are the most important issues your field is facing today and what would you suggest to resolve them?

Essay must be printed or typed.

AUTHORIZATION

Should you be selected to receive the NUCANF Scholarship, we would like your permission to include portions of your application and your essay in our scholarship book which is available for members to review, and in various association communications and publications. Your signature below will indicate your approval.

The Biggest Issue Facing the Aviation Maintenance Industry

One of the biggest issues facing the aviation maintenance industry is a shortage in skilled labor.

There are significantly few Airframe and Powerplant technicians. As the individuals who came before have started and continue to retire there are less and less qualified technicians working. Young people in newer generations have been taught that college is the only

way to succeed. Because of this, part 147 aviation maintenance tech schools are putting out fewer A&P certified mechanics as time goes on. Today there are 140,000 certified A&P technicians. "35 percent are 50 to 65(years), 45 percent are 40 to 50(years)." These statistics show that in the coming decades there will be an exit of thousands of A&P technicians from the industry, which is a very large issue. Just 12 years from now in 2030 the aviation industry will have the need for up to 650,000 A&P certified technicians ("The Perfect..."). With the current population of mechanics and the future demand for mechanics, the industry must act in order to gain a quality supply of skilled workers.

To help gain such skilled labor, companies within the industry must reach out to high schools and young people, and show them that they can have a rewarding career without getting a super expensive degree at a typical college or university. Some individuals are simply not interested in a normal college degree that would have them writing papers and crunching numbers for hours in the library. These individuals need to be informed of their other choices for careers. The companies involved in this should hold workshops that let young people get their

hands dirty on some projects in aviation involving composites structures, metallic structures, and general aircraft systems. Projects like these are interesting, challenging, and ultimately gratifying. When people are able to have these experiences they can possibly strive to become more involved, and eventually take steps towards receiving their A&P certifications.

If the industry can capture the attention of young people, they could possibly start a movement that can help fill the gap that is being made by retiring workers. If enough companies get involved, the entire gap would possibly be filled when the time comes.

Works Cited

"The Perfect Storm of Aviation Workforce Issues." *AviationPros.com*,
www.aviationpros.com/article/11505632/the-perfect-storm-of-aviation-workforce-issues.

Print Date: 6/13/2018

Embry-Riddle Aeronautical University
Daytona Beach Campus

Name:

Student ID:

Birthdate:

Beginning of Undergraduate Record

Fall 2017

Program:

Plan:

Subplan:

Aviation Undergraduate

Bachelor of Science in Aviation Maintenance Science Major

AOC Maintenance Management Concentration

Course	Description	Attempted	Earned	Grade	Points
AMS 116	Fundamentals of Electricity	4.000	4.000	C	8.000
AMS 117	Tools, Materials & Processes	4.000	4.000	B	12.000
AMS 118	A/Craft Familiarization & Regs	2.000	2.000	B	6.000
BA 201	Principles of Management	3.000	3.000	A	12.000

Transfer Credit from Florida State College at Jacksonville

Applied Toward Aviation Undergraduate

Course	Description	Earned	Grade
COM 122	English Composition	3.000	T
COM 219	Speech	3.000	T
EC 211	Macroeconomics	3.000	T
HU 142	Studies in Literature	3.000	T
MA 140	College Algebra	3.000	T
MA 142	Trigonometry	3.000	T
MA 241	Calculus & Analytical Geom I	3.000	T
PS 101	Basic Chemistry	4.000	T
PS 101L	Basic Chemistry Laboratory	3.000	T
PS 141	Chemistry for Engineers Lab	0.000	T
PS 139	Principles of Chemistry	1.000	T
PSY 101	Introduction to Psychology	3.000	T
SS 320	Government of the U.S.	3.000	T
XHU LLTE	Humanities Trans LI	3.000	T
XMA LLTE	Mathematics Trans LI	3.000	T
XOPEN LLTE	Open Elective	4.000	T
XPS LLTE	Physical Science Elective Trm	4.000	T
Transfer Total:		1.000	T
		47.000	

Transfer Credit from Florida Institute of Technology

Applied Toward Aviation Undergraduate

Course	Description	Earned	Grade
EGR 115	Intro Computing for Engineers	3.000	T
PS 253	Physics Lab for Engineers	1.000	T
PS 250	Physics for Engineers III	3.000	T
UNIV 101	College Success	1.000	T
XOPEN LLTE	Open Elective	1.000	T
XOPEN LLTE	Open Elective	1.000	T
XPS LLTE	Physical Science Elective Trm	2.000	T
XPSL LLTE	Physical Sci/Lab Elective Trm	1.000	T
Transfer Total:		1.000	T
		13.000	

Term GPA 2.923
CUM GPA 2.923

Term Totals	Attempted 13.000	Earned 13.000	GPA Units 13.000	Points 38.000
Combined Totals	13.000	73.000	13.000	38.000

Academic Standing : Good Standing

Spring 2018

Program:

Plan:

Subplan:

Aviation Undergraduate

Bachelor of Science in Aviation Maintenance Science Major

AOC Maintenance Management Concentration

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
AMS	261	Aircraft Metallic Structures Class Dates: P 1/10/2018 - 5/2/2018 DB	3.000	3.000	B	9.000
AMS	262	A/Craft Composite Structures Class Dates: P 1/10/2018 - 5/2/2018 DB	3.000	3.000	B	9.000
AMS	263	General Aviation A/C Systems Class Dates: P 1/10/2018 - 5/2/2018 DB	3.000	3.000	B	9.000
AMS	264	Gen Av A/C Elctrl Instrmt Sy Class Dates: P 1/10/2018 - 5/2/2018 DB	3.000	3.000	B	9.000
Term GPA 3.000			<u>Term Totals</u> 12.000	<u>Earned</u> 12.000	<u>GPA Units</u> 12.000	<u>Points</u> 36.000
CUM GPA 2.960			<u>Combined Totals</u> 25.000	<u>Earned</u> 85.000	<u>GPA Units</u> 25.000	<u>Points</u> 74.000

Academic Standing : Good Standing

Fall 2018

Program:		Aviation Undergraduate				
Plan:		Bachelor of Science in Aviation Maintenance Science Major				
Subplan:		AOC Maintenance Management Concentration				
<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
AMS	271	A/C Recip P/Plants & Systems Class Dates: P 8/27/2018 - 12/12/2018 DB	3.000	0.000	****	0.000
AMS	272	P/Plant Electr & Instrmnt Sys Class Dates: P 8/27/2018 - 12/12/2018 DB	3.000	0.000	****	0.000
AMS	365	Transport Category A/C Systems Class Dates: P 8/27/2018 - 12/12/2018 DB	3.000	0.000	****	0.000
AMS	366	Tsptr Ctgry A/C Elct Instr Sys Class Dates: P 8/27/2018 - 12/12/2018 DB	3.000	0.000	****	0.000
COM	221	Technical Report Writing Class Dates: P 8/27/2018 - 12/12/2018 DB	3.000	0.000	****	0.000
Term GPA 0.000			<u>Term Totals</u> 15.000	<u>Earned</u> 0.000	<u>GPA Units</u> 0.000	<u>Points</u> 0.000
CUM GPA 2.960			<u>Combined Totals</u> 40.000	<u>Earned</u> 85.000	<u>GPA Units</u> 25.000	<u>Points</u> 74.000

All FAA flight certificates and Ratings recorded on the transcript were awarded as a result of Flight training received at Embry-Riddle Aeronautical University.

Richard Bednarek

EMBRY-RIDDLE
Aeronautical University



Charles Taylor Department of
Aviation Maintenance Science
600 S. Clyde Morris Blvd.
Daytona Beach, FL 32114-3900
Toll Free: 877.904.3746
Office Tele: 386.226.6772

To Whom It May Concern,

May 22, 2018

I've had the privilege of teaching _____ in two Aviation Maintenance Science classes,
Aircraft Familiarization and Regulations and Tools, Materials and Processes. _____ has shown
an aptitude for learning subjects well. _____ is a congenial young _____ with considerable potential who
I believe would be a good investment for an academic scholarship.

Best Regards

Ian Wheeler
Aviation Maintenance Science Instructor
Embry Riddle Aeronautical University

PS PETTICOAT-SCHMITT

CIVIL CONTRACTORS, INC.

May 21, 2018

Re: Letter of recommendation for NUCA scholarship –

To whom it may concern:

I am writing this letter to offer my recommendation and support for consideration for the 2018 NUCA Scholarship.

As you can see by academic record and extracurricular activities, has clearly demonstrated a work ethic that has contributed to success to-date. As an observer of achievements, I have been impressed with steadfast character and humble disposition during growth as a young . Our company reaps the benefit of work ethic during the summers when is hard at work in our shop keeping our fleet of equipment and trucks in good working order.

As a coworker and friend of father, I have had the opportunity to be around on numerous occasions. Such occasions include charitable events such as the Seamark Mud Runs where was not only a formidable competitor, but truly grasped and supported the cause behind the event. possesses a heart for giving back and aiding others that is rarely seen from young adults age.

Because of drive to succeed, proven abilities, strong character and impressive academic achievements I have great respect for as an individual. I am confident that is deserving of this scholarship. If you have any questions regarding , please do not hesitate to contact me directly at (904) 854-7411.

Sincerely,



Ryan Schmitt
President