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PREPARED: 02/15/15 - 23:53 M04804639
STOCKTON, NICKLAS **GPA: 3.876** 02/15/15
PROGRAM CODE: 20BSAEROEASE **CATALOG YEAR:** 201401
BS in Aerospace Engineering

Open All Sections | Close All Sections

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** This Degree Audit is a display of course applicability **
** in a specific program.  It is not a Transcript, which  **
** is an official university record of your academic work.**
** This audit may be incomplete if you have transfer work **
** under review from another institution -- check your    **
** Credit Evaluation Report (CER).  Your College Office   **
** is the final authority in determining completion of    **
** requirements for their degree.                         **
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AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED

✓ University of Cincinnati Grade Point Average:
Rounding of quarter hours in the conversion to semester hours can cause the GPA calculated by the audit to vary slightly from your offical GPA. Your official GPA is shown in the heading of the audit.

EARNED: 35.0 HOURS 3.876 GPA

✓ First Year Aerospace Engineering: Fall

EARNED: 17.0 HOURS 5 SUB-GROUPS

13FS	ENGL1001001	3.0 AS	English Composition
13FS	ENED1020	2.0 A	ENGR FOUND
13FS	ENED1090001	3.0 AS	Engineering Models I
13FS	CHEM1040001	4.0 AS	General Chemistry I
13FS	CHEM1040L001	1.0 AS	General Chemistry Laborat
12U	15MATH161Z	4.0 A	CALCULUS I
			PROCESSED AS: MATH1061

✗ **First Year Aerospace Engineering : Spring**

EARNED: 13.0 HOURS 5 SUB-GROUPS
--> *NEEDS: 2.0 HOURS 1 SUB-GROUP*
\+ 1) Introduction to COOP for CEAS
1.0 HOUR ADDED 1 COURSE TAKEN 4.000 GPA

14SS	PD 1011	1.0 A	INTRO TO COOP-CEAS

\+ 2) Introduction to Aerospace Design
3.0 HOURS ADDED 1 COURSE TAKEN 4.000 GPA

14SS AEEM1022C 3.0 A INTRO TO AERO

- *3) Engineering Models II*
  NEEDS: 2.0 HOURS
  SELECT FROM: ENED1091

+ 4) College Physics I
  5.0 HOURS ADDED 2 COURSES TAKEN
  13FS PHYS2001001 4.0 AS College Physics I (Calcul
  13FS PHYS2001L001 1.0 AS College Physics Lab I (Ca

+ 5) Calculus II
  4.0 HOURS ADDED 1 COURSE TAKEN
  13FS MATH1062001 4.0 AS Calculus II

6) Contemporary Topics Elective: DC or SE
3 hours required

Second Year Aerospace Engineering
Fall

EARNED: 16.0 HOURS 3 SUB-GROUPS
--> *NEEDS: 1.0 HOUR* *1 SUB-GROUP*

- *1) Multivariable Calculus*
  3.0 HOURS ADDED 1 COURSE TAKEN
  13FS MATH2063001 3.0 AS Multivariable Calculus
  NEEDS: 1.0 HOUR

+ 2) Statics & Basic Strength of Materials
  3.0 HOURS ADDED 1 COURSE TAKEN 4.000 GPA
  13FS AEEM1001 3.0 A STATICS/BASICSTRGTH

+ 3) Introduction to Systems Engineering
  5.0 HOURS ADDED 1 COURSE TAKEN 4.000 GPA
  13FS AEEM2012C 5.0 A INTRO SYSTEMS ENG

+ 4) College Physics II
  5.0 HOURS ADDED 2 COURSES TAKEN
  13FS PHYS2002001 4.0 AS College Physics II (Calcu
  13FS PHYS2002L001 1.0 AS College Physics Lab II (C

2nd Year Aerospace Engineering
Summer

EARNED: 18.0 HOURS 6 SUB-GROUPS
13FS MATH2073001 4.0 AS Ordinary Differential Equ
14US AEEM2022 3.0 A- THERMO AND ENERGY
14US AEEM2042C 4.0 A- AERODYNAMICS
14US AEEM2052C 2.0 A ENGG MEASUREMENTS
14SS ENGL4092 3.0 A- TECH/SCI WRITING
14US AEEM2032 2.0 A DYNAMICS

3rd Year Aerospace Engineering
Spring

IP EARNED: 17.0 HOURS 5 SUB-GROUPS
15SS AEEM3012C 4.0 O IP GAS DYN

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15SS AEEM3022       3.0 O  IP MODEL/SIM DYN. SYS.
15SS AEEM3042       3.0 O  IP INTEG AIRCRAFT ENG
15SS AEEM3052       4.0 O  IP NUM METHODS ENG
15SS AEEM3058       3.0 O  IP SOLID MECH. I
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4th Year Aerospace Engineering
Fall

--> *NEEDS: 17.0 HOURS 6 SUB-GROUPS*

- *1) Flight Mechanics*
  NEEDS: 2.0 HOURS
  SELECT FROM: AEEM4012
- *2) Integrated Spacecraft Engineering*
  NEEDS: 3.0 HOURS
  SELECT FROM: AEEM4022
- *3) Fundamentals of Control Theory*
  NEEDS: 3.0 HOURS
  SELECT FROM: AEEM4042
- *4) Solid Mechanics II*
  NEEDS: 3.0 HOURS
  SELECT FROM: AEEM4058
- *5) Propulsion Systems*
  NEEDS: 5.0 HOURS
  SELECT FROM: AEEM4062C
- *6) Professional Development*
  NEEDS: 1.0 HOUR
  SELECT FROM: PD 4001

5th Year Aerospace Engineering
Fall

EARNED: .0 HOURS 1 SUB-GROUP

--> *NEEDS: 13.0 HOURS 4 SUB-GROUPS*

- *1) Aerospace Structures and Materials*
  NEEDS: 4.0 HOURS
  SELECT FROM: AEEM5058
- *2) Astrodynamics*
  NEEDS: 3.0 HOURS
  SELECT FROM: AEEM5062
- *3) Design I*
  NEEDS: 3.0 HOURS
  SELECT FROM: AEEM5012C OR 5013 OR 5014C

4) Contemporary Topics Elective: DC or SE
3 hours required

- *5) Technical Elective*
  Course to be entered by advisor
  NEEDS: 3.0 HOURS
  SELECT FROM: AE/Y5/F 05

5th Year Aerospace Courses
Spring

EARNED: .0 HOURS 2 SUB-GROUPS
--> *NEEDS: 9.0 HOURS*
1) Design II
NEEDS: 3.0 HOURS
SELECT FROM: AEEM5022C OR 5023 OR 5024C
2) Technical Electives
Courses to be entered by advisor
NEEDS: 6.0 HOURS
SELECT FROM: AE/Y5/S 02 AEEM6***
3) Bok: See General Education Requirement below
3 hours required
4) Bok: See General Education Requirement below
3 hours required

Contemporary Topics-select one course from each of two areas

EARNED: 6.0 HOURS 2 SUB-GROUPS
\+ 1) Diversity and Culture (DC)
3.0 HOURS ADDED 1 COURSE TAKEN
13FS HIST1001001 3.0 AS United States History I
\+ 2) Social and Ethical Issues (SE)
3.0 HOURS ADDED 1 COURSE TAKEN
13FS ENGL2075001 3.0 AS Introduction to Literatur

Breadth of Knowledge: 2 courses from 2 different areas

EARNED: 6.0 HOURS 2 SUB-GROUPS
\+ 3) Humanities and Literature
3.0 HOURS ADDED 1 COURSE TAKEN
13FS COMM1071001 3.0 AS Introduction to Effective
\+ 4) Social Science
3.0 HOURS ADDED 1 COURSE TAKEN
13FS PSYC1001001 3.0 AS Introduction to Psycholog

CO-OP for CEAS
Professional Practice requirements for graduation are satisfied as certified by the Professional Practice office. Grades received do not verify completion of Professional Pfractice requiremenets.

\- *1) COOP for CEAS (First Semester Experience)*
14FS COOP2011 0.0 SP COOP EXP - CEAS I
SELECT FROM: COOP2011
\- *2) COOP for CEAS (Second Semester Experience)*
SELECT FROM: COOP2012

- *3) COOP for CEAS (Third Semester Experience)*
  SELECT FROM: COOP3011
- *4) COOP for CEAS (Fourth Semester Experience)*
  SELECT FROM: COOP4011
- *5) COOP for CEAS (Fifth Semester Experience)*
  SELECT FROM: COOP4012

Additional courses not applicable to current major

EARNED: 40.0 HOURS

Additional Social & Ethical Issues Courses
3.0 HOURS ADDED 1 COURSE TAKEN

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13FS PHIL1000001    3.0 AS    Introduction to Philosoph
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Additional Natural Sciences Courses
13.0 HOURS ADDED 4 COURSES TAKEN

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13FS ASTR1***101    4.0 AS    ASTRONOMY I
13FS CHEM1010001    2.5 AS    Chemistry in Today's Soci
13FS CHEM1010L001   2.5 AS    Chemistry in Todays Socie
13FS PHYS1021001    4.0 AS    Astronomy: Stars & Galaxi
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Additional Quantitative Reasoning Courses
10.0 HOURS ADDED 3 COURSES TAKEN 3.667 GPA

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14US MATH2076       3.0 A-    LINEAR ALGEBRA
13FS MATH1021001    4.0 AS    College Algebra
13FS MATH1022001    3.0 AS    Trigonometry
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Other Courses
14.0 HOURS ADDED 7 COURSES TAKEN

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13FS ENFD4003       0.0 P  >D AY-REU RESPGMSEMNRS
14SS ENFD4003       0.0 P  RP AY-REU RESPGMSEMNRS
13FS ENGL2089001    3.0 AS    Intermediate Composition
13FS HFL 1***101    1.0 AS    Scuba Diving
13FS MET 1071001    3.0 AS    Statics
13FS MTEN2***101    4.0 AS    Intro to Materials Sc
13FS PHYS2***101    1.0 AS    Physics Problem Sessi
12U  15MATH173001   2.0 AS    College Algebra
                              PROCESSED AS: MATH1021P1001
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Total Degree Applicable Hours

EARNED: 93.0 HOURS
1) 93.0 HOURS ADDED 31 COURSES TAKEN 3.896 GPA
NEEDS: 40.0 HOURS

Total College Level Credit Hours Earned

A minimum of 133 required for this degree

IP EARNED: 133.0 HOURS

Current Enrollment

15SS	AEEM3012C	4.0	O	IP GAS DYN
15SS	AEEM3022	3.0	O	IP MODEL/SIM DYN. SYS.
15SS	AEEM3042	3.0	O	IP INTEG AIRCRAFT ENG
15SS	AEEM3052	4.0	O	IP NUM METHODS ENG
15SS	AEEM3058	3.0	O	IP SOLID MECH. I

GO BEARCATS!

L E G E N D

REQUIREMENTS + SUB-REQUIREMENTS

- *GREEN CHECKMARK = Requirement is Complete*
- *RED X = Requirement is not Complete*
- *IP/CHECKMARK = In Progress; Requirement is complete upon successful completion of current semester*
- *+ = Sub-Requirement is Complete*
- *- = Sub-Requirement is Incomplete*

GRADES

- *O = Course in progress*
- *R = Grade removed for approved Grade Replacement*
- *IX = Temporary Incomplete grade with punitive value*
- *WX = Official Withdrawal-No Participation*
- *PC = Pending Advanced Standing Credit*
- *DC = D GRADE accepted as pending Advanced Standing*
- *AS = Advanced Standing*
- *DS = D GRADE accepted and posted as Advanced Standing*
- *FS = Fresh Start*
- *PL = Planned Course (Advisor suggested coursework)*

GRADE SYMBOLS

- *G = Graduate Credit*
- *>S = Hours Split*
- *>D = Duplicate Course - No Credit Earned*
- *>R = Repeatable Course - Credit Earned*
- *RP = Duplicate Course - Best Available Grade*
- *# = Course Passed During a Fresh Start period. no Quality Pts earned - no impact on GPA.*