OZARKA COLLEGE

Academic Initiatives

2013/2014

Dr. Dennis C. Rittle, Vice President of Academic Affairs

Quantitative Literacy

What is it?: A math course which will satisfy the math requirements for Non-Science, Technology, Engineering, and Math (STEM) fields of study. The course foci are two fold:

1) Applied Mathematics

2) Interpreting Meaning to Values and Units of Measure

Why/Value?: Two Reasons--

1) Approximately, 80% of all 4-year graduates in AR graduate in a non-STEM field of study

2) Major public universities in AR will accept the Quantitative Literacy course as a course equivalent for College Algebra

TeachingwithData.
Pathway to Quantitative Literacy in the Social Sciences

AAS in Culinary Arts

What is it?: The Associate of Applied Science degree in Culinary Arts expects to add six courses (i.e. hospitality and capstone courses) and to retool several other courses to this program of study.

Why/Value?: Three Reasons--

1) Increase the rigor and roundedness of the program

2) Increase transferability of the program of study to complete a 4-year degree in Culinary Arts and Food Service, Restaurant Management, etc.

3) Increase ability to obtain programmatic accreditation (e.g. American Culinary Federation)

AS in Criminal Justice

What is it?: The Associate of Science degree in Criminal Justice will add two courses and retool two other courses.

Why/Value?: Two Reasons--

1) Program advisors and leaders within the industry have requested these changes

2) Supports seamless transferability between a graduate's 2-year degree and 4-year degree with partners, such as Arkansas State University and University of Arkansas at Little Rock

TC in Practical Nursing

What is it?: The Technical Certificate in Practical Nursing will add four new courses.

Why/Value?: Two Reasons--

1) Addresses the unique delivery of this 11-month program at Mammoth Spring so that appropriate credit hours are offered
2) The delivery of this program enables the nursing program to maximize clinical space availability

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CP in Information Science Technology

What is it?: The Certificate of Proficiency in Information Science Technology will be revitalized. This program of study will enable students to augment their education or complete a stand-alone program of study to increase their technology skills.

Web Design

Why/Value?: Two Reasons--

1) More than 240 junior and seniors from the 14 high schools in our service area expressed significant interest in this program of study

2) Provides cutting-edge technology skills to increase success in the field of information technology (e.g. web design, programming, information security, etc.) and/or to increase employability
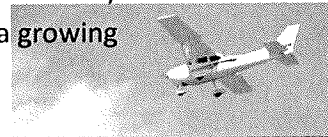
AS in Professional Pilot—Aviation

What is it?: The Associate of Science degree in Professional Pilot—Aviation enables students to complete a transferable degree in entry-level aviation training (i.e. single engine certification).
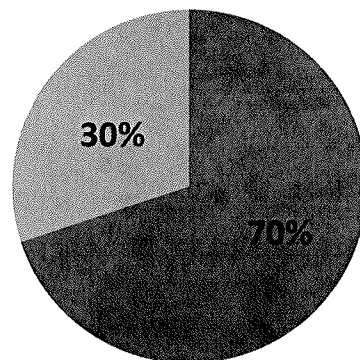
Why/Value?: Three Reasons--

1) More than 220 junior and seniors from the 14 high schools in our service area expressed significant interest in this program of study

2) Graduates have opportunity to transfer seamlessly to the -4-year degree program in aviation at Henderson State University

3) Graduates can obtain gainful employment in a growing industry while continuing to reside in local area

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AS in Professional Pilot—Aviation

Curricular Breakdown of Program

30%

70%

- General Education - 43 Credit Hours
- Technical Education - 18 Credit Hours

AS in Professional Pilot—Aviation

Course Flow

SEMESTER 1	
Course Name and Number	Credit Hour
*BIOL1004 General Biology and Lab	4
*^COLL1001 College Success Orientation	1
*ENGL1013 English Composition I	3
*FAMU1003, Fine Arts Music, or *FATH1003Theater, or *FAVI1003Visual	3
*MATH1203 College Algebra	3
Credit Hours	14

AS in Professional Pilot—Aviation

Course Flow

SEMESTER 2	
*ENGL1023 English Composition II	3
*HIST1013 World Civilization II	3
*COMM1313 Communications	3
MATH1303 Trigonometry	3
AVIA1013 Fundamentals of Aeronautics I	3
AVIA1021 Intro to Aeronautics Lab	1
Credit Hours	16

AS in Professional Pilot—Aviation

Course Flow

SEMESTER 3	
*ENGL2683 Masters of Western Literature	3
PHYS2014 General Physics I and Lab	4
*Social Science Elective	3
AVIA1403 Fundamentals of Aeronautics II	3
AVIA2393 Aviation Weather	3
Credit Hours	16

AS in Professional Pilot—Aviation

Course Flow

SEMESTER 4	
PHED1101 Fitness Center I	1
*Social Science Elective	3
Directed Elective (TBD)	3
*PLSC2003 American National Government	3
AVIA2263 Air Traffic Control	3
AVIA1171 Private Pilot Lab	1
AVIA1161 Private Pilot Certificate	1
Credit Hours	15
PROGRAM TOTAL CREDIT HOURS	61

Question
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Response

Dennis C. Rittle, Ph.D.
Vice President of Academic Affairs
dennis.rittle@ozarka.edu
870-368-2004