

Advisory Committee Minutes Fall 2019
Farm and Ranch Management
Vernon College – Vernon Campus, Room 418
October 28, 2018 at 6:00pm

Shana Holloway - Chair
Michael Overstreet - Vice Chair
Trevor Methvin - Recorder

Members Present:

Shana Holloway, Coyote Hills Ranch
Clint Kieschnick, farmer
Josh Kieschnick, farmer
Trevor Methvin, Methvin Land & Cattle
Kyle Myers, VISD Ag Instructor
Michael Overstreet, Overstreet Dairy
John Rouse, VC student
Brice Sawin, Livestock Nutrition Center

Faculty and Staff Present:

Dr. Elizabeth Crandall
Shana Drury
Chelsey Henry
Michael Schoppa

Members Not Present

Deborah Clark
Teresa Martin

Shana Holloway began the meeting with new business since there was no old business to discuss.

Review program outcomes, assessment methods/results, and workplace competency.

Program Outcomes:

Shana Holloway asked the faculty member, Michael Schoppa, to review the program outcomes listed below.

1. Demonstrate proficiency of scientific principles related to agriculture.
2. Exhibit knowledge of the agricultural industries including structure, production practices, and management principles.
3. Explain the responsible uses and limitations of the natural resources utilized in production agriculture.
4. Implement modern animal and plant managerial practices designed to enhance the productivity of the farm/ranch entity.
5. Apply economic principles of accounting, marketing, and budgeting to improve the efficiency of agricultural production enterprises.

Shana Holloway asked the committee for a motion to approve the program outcomes as presented.

Brice Sawin made a motion to approve the program outcomes as presented.

Michael Overstreet seconded that motion.

The motion has passed and the committee will approve the program outcomes as presented.

Assessment methods and results:

Shana Holloway asked the faculty member, Michael Schoppa, to explain the assessment methods and results.

Program outcomes are being assessed through the completion of the appropriate End of the Semester Course Review with documentation resulting from the student's completion of their individual Practicum packet for the Capstone course in which they are enrolled.

Shana Holloway asked the committee for a motion to approve the assessment methods as presented.

Michael Overstreet made the motion to approve the assessment methods as presented.

Trevor Methvin seconded the motion.

The motion passed to approve the assessment methods as presented.

Workplace competency:

Shana Holloway asked the faculty member, Michael Schoppa, to tell the committee more about the competency and how the students have performed on the competency.

The Capstone experience involves the Farm & Ranch Management students successfully completing AGMG 1364 for the Certificate level and AGMG 2365 for the Associate in Applied Science degree. Both courses are comprised of an external work experience in the agriculture industry. The Farm & Ranch Management students will also demonstrate skills relating to critical thinking, communication/interpersonal, scientific and mathematical literacy, information literacy, and cultural literacy.

Program Outcome	Number of students who took course or licensure exam	Results per student	Use of results
1. Demonstrate proficiency of scientific principles related to agriculture.	11	1 student @ 60% 2 students @ 80% 8 students @ 90%	Increase foundational instruction and assessment in basic animal science and agronomy principles.
2. Exhibit knowledge of the agricultural industries including structure, production practices, and management principles.	11	2 students @ 80% 9 students @ 90%	Reinforces that current methods of instruction for this outcome is sufficient.
3. Explain the responsible uses and limitations of the natural resources utilized in production agriculture.	11	1 student @ 70% 2 students @ 80% 8 students @ 90%	Increase instruction and assessment in range management and wildlife conservation.
4. Implement modern animal and plant managerial practices designed to enhance the productivity of the farm/ranch entity.	11	2 student @ 80% 9 students @ 90%	Reinforces that current methods of instruction for this outcome is sufficient.

5. Apply economic principles of accounting, marketing, and budgeting to improve the efficiency of agricultural production enterprises.	11	1 student @ 70% 4 students @ 80% 6 students @ 90%	Increase instruction in computer applications for agriculture, in agricultural record-keeping software, and in agricultural economics.
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Shana Holloway asked the committee for a motion to approve the workplace competency as presented.

Josh Kieschnick made a motion to approve the workplace competency as presented.

Brice Sawin seconded that motion.

The motion has passed and the committee will approve the workplace competency as presented.

Review program curriculum/courses/degree plans

Shana Holloway asked the faculty member, Michael Schoppa, to discuss the program's curriculum and degree plans.

Farm and Ranch Management, A.A.S.

CIP 01.0104

Instructional Location - Vernon Campus

ASSOCIATE IN APPLIED SCIENCE DEGREE (Probable Completion Time - 2 years)

General Education Requirements (15 SH)

<u>ENGL 1301</u>	Composition I	3
<u>GOVT 2305</u>	Federal Government (Federal Constitution and Topics)	3
<u>MATH 1314</u>	College Algebra	3
	or	
<u>MATH 1332</u>	Contemporary Mathematics	3
<u>SPCH 1315</u>	Public Speaking	3
SFF>	Language, Philosophy, and Culture or Creative Arts Elective	3

Major Requirements (45 SH)

<u>AGAH 1453</u>	Beef Cattle Production	4
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	or	
<u>AGEQ 1411</u>	Equine Science I	4
<u>AGCR 1407</u>	Range Management (A)	4
	or	
<u>AGRI 1407</u>	Agronomy	4
<u>AGRI 1309</u>	Computers In Agriculture	3
<u>AGEQ 1315</u>	Horse Evaluation I (A)	3
	or	
<u>AGRI 2321</u>	Livestock Evaluation I	3
<u>AGMG 1311</u>	Introduction to Agribusiness	3
<u>AGMG 2365</u>	Practicum (or Field Experience) - Farm/Farm and Ranch Management	3
<u>AGRI 1131</u>	The Agricultural Industry	1
<u>AGRI 2317</u>	Introduction to Agricultural Economics	3
<u>AGRI 1419</u>	Introductory Animal Science	4
TBA*	AGRI/Farm and Ranch Elective	8
TBS*	Approved Electives	9
	Total Credit Hours:	60

(A) Course included on the State's Advanced Technical Credit list. (See **Advanced Technical Credit**.)

> To be selected from the following: **ARTS 1301, DRAM 1310, DRAM 2366, ENGL 2322, ENGL 2323, ENGL 2327, ENGL 2328, ENGL 2332, ENGL 2333, HIST 2311, HIST 2312, MUSI 1306**

* Approved elective to be selected from the following courses: **AGEQ 2315, AGME 1315 (A), AGMG 2364, and AGRI 2330** as well as the courses not taken in the "or" groups in the curriculum shown above.

** To be selected by the student

AGMG 1364 may be taken after the first semester; **AGMG 2364** may be taken after the second semester.

Verification of Workplace Competencies:

<u>AGMG 2365</u>	Practicum (or Field Experience) - Farm/Farm and Ranch Management
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Farm and Ranch Management, Level 1 Certificate

CIP 01.0104

Level 1 Certificate

Instructional Location - Vernon Campus

CERTIFICATE OF COMPLETION (Probable Completion Time – 9 months or 32 weeks)

Major Requirements (31 SH)

<u>AGAH 1453</u>	Beef Cattle Production	4
	or	
<u>AGEQ 1411</u>	Equine Science I	4
<u>AGCR 1407</u>	Range Management (A)	4
	or	
<u>AGRI 1407</u>	Agronomy	4
<u>AGEQ 1315</u>	Horse Evaluation I (A)	3
	or	
<u>AGRI 2321</u>	Livestock Evaluation I	3
<u>AGRI 1309</u>	Computers In Agriculture	3
<u>AGMG 1311</u>	Introduction to Agribusiness	3
<u>AGMG 1364</u>	Practicum (or Field Experience) - Farm/Farm and Ranch Management	3
<u>AGRI 1131</u>	The Agricultural Industry	1
<u>AGRI 2317</u>	Introduction to Agricultural Economics	3

<u>AGRI 1419</u>	Introductory Animal Science	4
TBA*	AGRI/Farm and Ranch Elective	3
	Total Credit Hours:	31

* Approved elective to be selected from the following courses: **AGEQ 2315**, **AGME 1315 (A)**, **AGMG 2364**, **AGMG 2365**, and **AGRI 2330** as well as the courses not taken in the “or” groups in the curriculum shown above.

(A) Course included on the State’s Advanced Technical Credit list. (See **Advanced Technical Credit**.)

Farm and Ranch Management Occupational Skills Award (11 Semester Hours):

<u>AGAH 1453</u>	Beef Cattle Production	4
<u>AGCR 1407</u>	Range Management (A)	4
<u>AGMG 1311</u>	Introduction to Agribusiness	3

Verification of Workplace Competencies: Capstone Experience –

<u>AGMG 1364</u>	Practicum (or Field Experience) - Farm/Farm and Ranch Management	3
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AGAH 1453 Beef Cattle Production - An overview of the beef cattle industry. Topics include the organization and operation of beef cattle enterprises, selection breeding, reproduction, health, nutrition, management, and marketing.

Summarize the importance of the beef cattle industry and its role in food production; identify beef cattle breeds, classes, and products; and implement managerial practices designed to increase the efficiency of beef cattle production.

AGEQ 1411 Equine Science I - An introduction to the horse industry. Includes history, organization and operation of equine enterprises, selection, breeds, breeding, reproduction, health, nutrition, management, and marketing.

Explain the historical significance of the horse to society; identify horse breeds; identify basic anatomy and physiological functions; and outline managerial practices relevant to the horse industry.

AGCR 1407 Range Management - Practical problems of managing native pastures and rangelands. Includes rangeland ecology, stocking rates, rotation systems, toxic plants, range reseeding, brush control, and ecological and physiological responses of range vegetation to grazing.

Identify range problems including toxic plants, overgrazing, and water distribution; evaluate brush control methods including biological, mechanical, chemical, and range burning; devise range reseeding and water development plans; design rotational grazing systems; and compute stocking rates.

AGRI 1309 Computers in Agriculture - Survey of the use of computers in agricultural applications.

AGRI 1315 Horse Evaluation I - Instruction in evaluation and selection of horses based on breed/performance criteria. Topics include basic anatomy and its relation to function, breed type and characteristics, and standard performance classes.

Relate conformation to equine functions; prioritize and utilize criteria as related to evaluation and selection; and employ appropriate terminology used in discussing evaluation and selection processes.

AGRI 2321 Livestock Evaluation I - Evaluation and grading of market cattle, swine, sheep, and goats and their carcasses and wholesale cuts. Emphasis will be placed on value determination. Selection and evaluation of breeding cattle, sheep, swine, and goats with emphasis on economically important traits.

AGMG 1311 Introduction to Agribusiness - Introduction to agribusiness management, marketing, and sales in the free enterprise system. Topics include economic principles, finance, risk management, record keeping, budgeting, employee/employer responsibilities, communications, human relation skills, and agricultural career opportunities.

Discuss agricultural trade, consumption, and employment as it pertains to the complex field of agriculture; and apply basic economic principles and management functions to agribusiness.

AGRI 2317 Introduction to Agricultural Economics - Fundamental economic principles and their applications in the agriculture industry.

AGRI 1419 Introductory Animal Science - Scientific animal production and the importance of livestock and meat industries. Selection, reproduction, nutrition, management, and marketing of livestock.

After some discussion, there were no revisions.

Review Secretary’s Commission on Achieving Necessary Skills (SCANS), General Education, and Program Outcomes Matrices

SCANS Matrix: The SCANS (Secretary’s Commission on Achieving Necessary Skills) Matrix represents the 8 Federal requirements that must be taught. The matrix shows how we are mapping them back to each of the courses in the program.

Program: Farm and Ranch Management									Credential: Certificate of Completion	
Award: Farm and Ranch Management Certificate of Completion										
Cip: 01.0104										
LIST OF ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES										
SCANS COMPETENCIES								Course Number	Course Title	
1	2	3	4	5	6	7	8			
X	X	X	X	X	X	X	X	Either AGAH 1453 or	Beef Cattle Production	
X	X	X	X	X	X	X	X	AGEQ 1411	Equine Science I	
X	X	X	X	X	X	X	X	Either AGCR 1407 or	Range Management	
X	X	X	X	X	X	X	X	AGRI 1407	Agronomy	
								AGRI 1309	Computers in Agriculture	
X	X	X	X	X	X	X	X	Either AGEQ 1315 or	Horse Evaluation I	
X	X	X	X	X	X	X	X	AGRI 2321	Livestock Evaluation I	
X	X	X	X	X	X	X	X	AGMG 1311	Introduction to Agribusiness	
X	X	X	X	X	X	X	X	AGMG 1364	Practicum (or Field Experience) - Farm/Farm and Ranch Management	
X	X	X	X	X	X	X	X	AGRI 1131	The Agricultural Industry	
X	X	X	X	X		X	X	AGRI 2317	Introduction to Agricultural Economics	
X	X	X	X	X	X	X	X	AGRI 1419	Introductory Animal Science	
									TBA Electives Either/or	
X	X	X	X	X	X	X	X	AGEQ 2315 or	Horse Evaluation II	
X	X	X	X	X	X	X	X	AGME1315	Farm & Ranch Shop Skills	
X	X	X	X	X	X	X	X	AGMG 2364 or	Practicum (or Field Experience) - Farm/Farm and Ranch Management	
X	X	X	X	X	X	X	X	AGRI 2330	Wildlife Conservation & Management	
									8. BASIC USE OF COMPUTERS	
									7. WORKPLACE COMPETENCIES	
									6. PERSONAL QUALITIES	
									5. THINKING SKILLS	
									4. SPEAKING AND LISTENING	
									3. ARITHMETIC OR MATHEMATICS	
									2. WRITING	
									1. READING	

General Education Matrix: The General Education Matrix is state mandated. You will see the 6 requirements that the college is tasked with teaching and how they map back to the courses.

Program: Farm and Ranch Management						Credential: Associate in Applied Science (AAS) Degree	
Award: Farm and Ranch Management Associate in Applied Science (AAS) Degree							
Cip: 01.0104							
LIST OF ALL COURSES REQUIRED AND IDENTIFIED CORE OBJECTIVES							
GENERAL EDUCATION CORE OBJECTIVES						Course Number	Course Title
1	2	3	4	5	6		
X	X	X	X	X	X	ENGL 1301	Composition I
X	X	X	X	X	X	GOVT 2305	Federal Government (Federal Constitution & Topics)
X	X	X	X	X	X	MATH 1314 or MATH 1332	College Math/Contemporary Mathematics I
X	X	X	X	X	X	SPCH 1315	Public Speaking
X	X	X		X	X	Either AGAH 1453* or	Beef Cattle Production
X	X	X				AGEQ 1411*	Equine Science I
X	X	X		X	X	Either AGCR 1407* or	Range Management
X	X	X				AGRI 1407 *	Agronomy
X	X	X	X	X	X	AGRI 1309*	Computers in Agriculture
X	X	X	X		X	Either AGEQ 1315	Horse Evaluation I
X	X	X	X		X	AGRI 2321	Livestock Evaluation I
X	X	X	X		X	AGMG 1311*	Introduction to Agribusiness
X	X	X	X	X	X	AGMG 2365 or	Practicum (or Field Experience) - Farm/Farm and Ranch Management
X	X		X	X	X	AGRI 1131*	The Agricultural Industry
X	X	X			X	AGRI 2317*	Introduction to Agricultural Economics
X	X	X				AGRI 1419*	Introductory Animal Science
							TBA Elective Either/or
X	X	X	X		X	AGEQ 2315 or	Horse Evaluation II
X	X	X		X		AGME 1315 or	Farm & Ranch Skills I
X	X	X	X	X	X	AGMG 2364 or	Practicum (or Field Experience) - Farm/Farm and Ranch Management
X	X	X	X	X	X	AGRI 2330	Wildlife Conservation & Management
						6. Personal Responsibility	
						5. Social Responsibility	
						4. Teamwork	
						3. Empirical and Quantitative Skills	
						2. Communication Skills	
						1. Critical Thinking Skills	

Program Outcomes Matrix: The Outcomes Matrix represents the Vernon College mandated requirements. They are the Program outcomes just approved and how they map back to the courses.

Program: Farm and Ranch Management						Credential: Associate in Applied Science (AAS) Degree
Award: Farm and Ranch Management Associate in Applied Science (AAS) Degree						
Cip: 01.0104						
LIST OF ALL COURSES REQUIRED AND OUTCOMES						
OUTCOMES					Course Number	Course Title
1	2	3	4	5		
X	X	X	X	X	Either AGAH 1453* or	Beef Cattle Production
X	X	X	X	X	AGEQ 1411*	Equine Science I
X	X	X	X	X	Either AGCR 1407* or	Range Management
X	X	X	X	X	AGRI 1407 *	Agronomy
X	X		X	X	AGRI 1309*	Computers In Agriculture
X	X		X		Either AGEQ 1315*	Horse Evaluation I
X	X		X		AGRI 2321*	Livestock Evaluation I
	X		X	X	AGMG 1311*	Introduction to Agribusiness
X	X	X	X	X	AGMG 2365 or	Practicum (or Field Experience) - Farm/Farm and Ranch Management
	X	X	X	X	AGRI 1131*	The Agricultural Industry
	X		X	X	AGRI 2317*	Introduction to Agricultural Economics
X	X		X	X	AGRI 1419*	Introductory Animal Science
						TBA AGRI/Farm and Ranch Elective - 8 SH
X	X		X		AGEQ 2315 or	Horse Evaluation II
X	X			X	AGME 1315 or	Farm & Ranch Skills I
X	X	X	X	X	AGMG 2364 or	Practicum (or Field Experience) - Farm/Farm and Ranch Management
X	X	X	X	X	AGRI 2330	Wildlife Conservations & Management
					5. Apply economic principles of accounting, marketing, and budgeting to improve the efficiency of agricultural production enterprises.	
					4. Implement modern animal and plant managerial practices designed to enhance the productivity of the farm/ranch entity.	
					3. Explain the responsible uses and limitations of the natural resources utilized in production agriculture.	
					2. Exhibit knowledge of the agricultural industries including structure, production practices, and management principles.	
					1. Demonstrate proficiency of scientific principles related to agriculture.	

Institutional Outcomes Matrix: The Institutional Outcomes Matrix represents the Vernon College mandated requirements. This matrix represents how the program outcomes map back to the institutional outcomes/general education outcomes.

Program: Farm and Ranch Management					Credential: Associate in Applied Science (AAS) Degree
Award: Farm and Ranch Management Associate in Applied Science (AAS) Degree					
Cip: 01.0104					
LIST OF ALL COURSES REQUIRED AND OUTCOMES					
OUTCOMES					General Education Outcomes
1	2	3	4	5	
X	X	X	X	X	1. Critical Thinking Skills
X	X	X		X	2. Communication Skills
X	X	X	X	X	3. Empirical and Quantitative Skills
X	X	X		X	4. Teamwork
X	X	X	X	X	5. Social Responsibility
X	X	X	X	X	6. Personal Responsibility
					5. Apply economic principles of accounting, marketing, and budgeting to improve the efficiency of agricultural production enterprises.
					4. Implement modern animal and plant managerial practices designed to enhance the productivity of the farm/ranch entity.
					3. Explain the responsible uses and limitations of the natural resources utilized in production agriculture.
					2. Exhibit knowledge of the agricultural industries including structure, production practices, and management principles.
					1. Demonstrate proficiency of scientific principles related to agriculture.

Shana Holloway opened the floor for discussion. With none, Shana asked the committee for a motion to approve the matrices as presented.

Michael Overstreet made a motion to approve the matrices as presented.

Josh Kieschnick seconded that motion.

The motion has passed and the committee will approve the matrices as presented.

Program statistics: Graduates (from previous year/semester), current majors, current enrollment

- Program Statistics:
 - Graduates 2017-2018: **5**
 - Enrollment Summer 2018: **9**
 - Majors Fall 2018-2019: **25**
 - Enrollment Fall 2018: **Please see summary handout.**

Local Demand

Shana Holloway asked the committee for discussion. Shana stated that she thought there was a demand for this program in a smaller school for the rural area students that want to get their education without going to big universities. She thinks the programs is beneficial and needed.

Evaluation of facilities, equipment, and technology. Recommendation for acquisition of new equipment and technology.

Shana Holloway asked the committee if they had a chance to the see the facilities. Michael Schoppa showed the committee the new technology and training opportunities that were recently purchased.

External learning experiences, employment, and placement opportunities

Shana Holloway asked if the faculty member to review external learning experiences.

2017-2018 External Learning Experiences

- Organized and conducted for the students of my Agronomy class a tour of Farmers Cooperative Gin.
- Organized and conducted for the students of my Beef Cattle Production class a tour of the Duff Cattle Company near Hobart, OK.
- Organized and conducted for the students of my Wildlife Management class a tour with wildlife biologists of the Wichita Mountains Wildlife Refuge.
- Organized and conducted for the students of my Animal Science class a tour of Tyson Foods, Inc. in Vernon.
- Organized and conducted for the students of my Animal Science class a tour of Mahard Egg Farm near Vernon.
- Organized and conducted for the students of my Animal Science class a tour of Overstreet Dairy near Chillicothe, TX.
- Organized and conducted a tour for the students of my Equine Science class a tour of Santa Rosa Equines Reproduction facility near Farmers Valley.
- Organized and conducted for the students of my Wildlife Management class a tour of the Bond Wildlife Exhibits in the Red River Valley Museum.

*Due to Perkins transition this is the most recent report

Placement Rate of Program Completers by Reporting Year [1]			
Program	3-Year Average		
	Plc	Cmp	%
01010000-Agricultural Business and Management	16	17	94.12%

Professional development of faculty and recommendations.

- Attended all mandated Vernon College Professional Development
- Attended the State Professional Improvement Conference for Agriculture Teachers in Lubbock.
- Served as member of the search/interview committee to employ the current Vice President of Instruction.
- Serving on five various Governance Thru Committees:

Catastrophic Leave Committee
Employee Grievance Committee
Student Appeals Committee
Housing and Food Service Committee
Athletics Committee

Shana Holloway asked if anyone had anything to add as a recommendation for professional development.

Promotion and publicity (recruiting) about the program to the community and to business and industry.

Shana Holloway asked the committed to review the promotion and publicity information.

- Recruited potential students at the State 4-H Roundup in College Station.
- Recruited potential students at the State FFA Convention in Fort Worth.
- Managed a booth and discussed potential recruitment activities with Agricultural instructors at the State Professional Improvement Conference for Agriculture Teachers in Lubbock concerning Advanced Technical Credit.
- Continued promoting involvement with the Vernon College Aggie Club student organization.
- Co-hosted with Wilbarger County District 3 4-H the Wilbarger County Ag. Day for 4th and 5th graders within the county.
- Co-hosted with District 3 4-H the District 3 4-H & Invitational Horse Judging Contest in Vernon.
- Attended the Wichita District Ag. Teachers Fall Meeting to discuss organizing and conducting the District FFA Leadership Development Events Contest.
- Participated in and represented the Vernon College Agriculture Department in the Sophomore Roundup at the Skills Training Center.
- Hosted the Wichita District FFA Leadership Development Events on Skills Training Center location of Vernon College.
- Participated in and represented the Vernon College Agriculture Department in the Preview Day on the Vernon campus.
- Represented Vernon College by serving as a judge at the Archer County Junior Livestock Show in Archer City, TX.
- Represented Vernon College by serving as a judge at the Wichita County Junior Livestock Show in Wichita Falls, TX.


- Represented Vernon College by serving as a judge at the Clay County Junior Livestock Show in Henrietta, TX
- Represented Vernon College by assisting and managing the Wilbarger County Junior Livestock Show in Vernon, TX.
- Attended with students from all of my classes the Wichita Falls Ranch & Farm Expo. Managed a Vernon College recruitment booth there. Also provided students to help manage the set-up, organization, and tear-down of the Farm Expo and the annual Production Bull Sale.
- Participated in and represented the Vernon College Agriculture Department in the Preview Day on the Century City campus.
- Participated in and represented the Vernon College Agriculture Department in the 1st Annual Community Event at the Century City Center location.

Serving students from special populations:

Shana Holloway asked the committee; please note the definition of special populations below.

1. Individuals with disabilities;
2. Individuals from economically disadvantaged families, including foster children;
3. Individuals preparing for non-traditional fields;
 - a. (Number of males: **20** /number of females: **5** in the program)
4. Single parents, including single pregnant women;
5. Displaced homemakers; and
6. Individuals with limited English proficiency

Adjourn

Recorder Signature 	Date 10/29/18	Next Meeting: Fall 2019
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