



MIAMI VALLEY
TECHPREP
CONSORTIUM

Ohio College **Tech Prep**
Building Quality Career Pathways
WEST REGION

Animal Science & Management Tech Prep Summit

Date: Tuesday, March 20, 2018

Time: noon-3PM

Location: Building 11, Room 443

Attendees: Jess Moore (MVTPC), Carolyn Reno (Sinclair)

Important Dates 2018-19

2018

Tech Prep Showcase – April 12, 2018

Thursday, March 1 – GPA's for MM3

Friday, June 1 – Credit Capture forms due to Tech Prep

September to mid-October – Jr. Registration

September through December – Jr. Career Exploration Days

2019

Getting Ready for College – Thursday, February 14, 2019

Tech Prep Showcase – March 16, 2019 (tentative)

No secondary teachers or administrators attended the meeting on 3/20/18. Following please find the agenda, the Summit PPT, and handouts provided by Dr. Carolyn Reno.

1. MVTPC Update

- 1) What is Tech Prep?
- 2) Benefits of Tech Prep include helping students determine what major or career field they wish to pursue through exposure to different options
- 3) Review of TP scholarships: Just a reminder that Sinclair Tech Prep scholarship recipients may use their scholarship dollars to pursue any degree or certificate program at Sinclair. Students may take classes at any Sinclair location or online and use their scholarship award money.
- 4) BOGO – '17 grads and '18 grads
 - i. This year the BOGO offer is for both 2018 Tech Prep grads and 2017 Tech Prep grads. Details about the BOGO offer may be found here: <http://www.mvtechprep.org/index.cfm/gallery/bogo-2018>
- 5) Roles and relationships: Review PPT slide – not a comprehensive list.

3. VET Course Liaison and VET Program Director, Carolyn Reno, DVM

- a. Department updates
- b. 2018-19 VET curriculum

4. ODE/ODHE updates

- a. Animal Science & Management CTAG – Introduction to Animal Science = VET 1120 at Sinclair
- b. Some VET programs are CTAG-approved for Med Term = HIM 1101 at Sinclair

10-15-Minute Break!

5. Data Capture – Tim Bryant, Data Technician, MVTPC

- a. Credit Capture
- b. Multiple Measures (MM3) - alternative data sources for placement
- c. Non-Employee Network Account form
- d. End of the year info capture processes
- e. Tech Prep portal

6. Junior Career Exploration Days – Jess Moore, Pathway Manager, MVTPC

- a. Feedback from 2017 visits and looking ahead to 2018

7. College Transition – Jess Moore, Pathway Manager, MVTPC

- a. Getting Ready for College
- b. University partnerships
- c. TP checklist, ordering transcripts, scholarship packet

2018
Animal Science & Management
Tech Prep Summit

Please Sign In



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Jess Moore, *Pathway Manager*

Animal Science and Management



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What is Tech Prep?



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Benefits

Career Discernment

Scholarship

Credentials/Credit

BOGO



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Tech Prep Scholarship = **\$3,000**



- **Full Time Student**

(12 hrs. or higher)

\$750 per semester

- **¾ Time Student**

(9-11 hrs.)

\$563 per semester



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Articulated Award Credit

Articulated Award credit is captured on the senior transmittal forms where students earn an AA (articulated award) grade based upon the classroom teacher's assessment of progress. **These credits have no impact on the student's college GPA, and are typically not transferable to other colleges or universities.** Certificate credit is collected through a separate process and AA (articulated award) credit is awarded for state or national certifications/accreditations such as American Heart Association CPR, Ohio STNA, NCCER, etc.

A2 Animal Science & Management

Course		Course Name	Semester Hours
Articulated Credits			
VET	1100	Introduction to Animal Careers	1

[Click here for Sinclair CTAG alignments](#)

CTAG Credit

In 2005, with the passage of House Bill 66, Ohio expanded articulation and transfer efforts by providing students in career-technical institutions with a guarantee of credit transfer from high school to college in approved programs.

In order for students to receive CTAG credit the high school program must undergo an approval process.

A2 Animal Science & Management

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Animal Science and Management	A2	010910	Animal Science and Technology	VET 1120	Introduction to Large Animal Sciences: Handling and Husbandry	3
Animal Science and Management	A2	072150	Medical Terminology	HIM 1101	Medical Terminology	2



TECH PREP STUDENTS



BUY ONE

BOGO

GET ONE



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SINCLAIR
COLLEGE

Onsite Advising

1. Kettering Fairmont HS
March 5 - 9
115 students
2. Miami Valley CTC
Feb 16 – March 1
296 students



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Roles and Relationships

- High School Instructors/Administration
 - Recruit Students (All)
 - Advise Students (Guidance Counselor)
 - Deliver Content (Instructor)
 - Inform on Resources/Benefits
 - Course Approval/Compliance
- Sinclair Faculty
 - Curriculum
 - Visit Days
- Pathway Manager
 - Liaison



College Transition



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YOU'RE INVITED!



TECHPREP

GETTING READY FOR COLLEGE

Thursday, February 15, 2018 | 5:30 p.m. - 7:30 p.m. | Sinclair College, Building 12



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University Partnerships



UD / SINCLAIR ACADEMY

UD SINCLAIR ACADEMY



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- Sinclair/Tech Prep Checklist
- Ordering Transcripts
 - <http://www.sinclair.edu/services/basics/registration-and-student-records/student-records/transcripts/>
- Scholarship Packet
 - Letter and certificate recognizing scholarship recipient
 - Jammie Schneider will contact schools to schedule delivery



Josiah Wahlrab
Operations Specialist

Tim Bryant
Data Technician



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Questions for Tech Prep Staff?



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- We started with 25 students this year, but only 16 are walking in the ceremony on May 6th. Our large class last year also struggled with the VTNE this past summer – so that we had a 67% pass rate on the first attempt, and a 50% pass rate on the second attempt (for those who took it a second time). This is our lowest retention to date, and second lowest VTNE pass rate - and it has caused us to look at our curriculum and admission process to be sure we are selecting students who will be successful, and supporting students appropriately through the process.
- Student Losses: Summer semester: 2 students dropped during the first clinical experience to change direction in career choice. 1 student was chose to leave because of struggles with retaining technical information within the clinic. We added a student in the Summer semester to the cohort to make up for the losses – she was able to complete all requirements in a 4 week time span. Fall semester: 1 student from previous cohort returned to complete her second year with this cohort; but was unable to complete the clinical portion successfully, so was removed from the cohort again. 4 students did not pass Comparative Anatomy and Physiology/Husbandry and Disease with a C or better, and were asked to return to the program to try again next year. 2 students did not maintain Minimum Behavioral Expectations within the clinical portion, and were removed from the program. One of these last 2 students is being considered for re-admittance.
- Changes in Curriculum: this year, we are substituting Human Anatomy and Physiology vs. General Biology as a prerequisite, as we have found that students with a background in Anatomy do better in the Comparative anatomy Course. Next year, we will be removing VET 1100 as a prerequisite, and changing the current VET 1200 course back to a 2 credit hour X 2 semester sequence that will allow us to build a stronger foundation for students to build upon in the cohort year. We will also be adding 2 Vet-specific ethics/clinical skills courses to help better build support for soft skills needed in practice. This will allow us to drop some non-vet-specific courses and add Psychology back in as a prerequisite for the program.
- Changes in Admissions: GPA requirement will increase to 2.7 – as students with GPAs lower than 2.7 tend to struggle, and often don't pass the cohort classes. Students will be required to have at least 20 hours of job shadowing within at least 2 different clinics. Students are provided with a more specific Essay Rubric and a Form letter for referral to make these two Admissions requirements more objective for scoring. Tech Prep students in VET Sciences programs will receive a 40 point boost on the Admissions Rubric, as they tend to be more successful in clinical experience and Anatomy and Physiology.
- Our graduates continue to enjoy a 100% employment rate in the area, most of them finding positions prior to graduation. Latest statistics indicate that students can expect a mean wage of \$13-17/hour, which has increased about \$1.00/hour from 4 years ago.
- Our 3-year rolling average for 1st-time VTNE pass rate has dropped to 73%, which is slightly lower than the national average.

Sinclair College Veterinary Technology

2018 Summary Report

- We are awaiting on a decision to expand our current educational footprint into a nearby space in order to build another classroom and small surgical and dental suite to serve the community.
- Our cohorts continue to spend 4 days at the OSU Equine clinic during the Spring semester, working side-by-side with veterinary students and professionals. The OSU liaison who coordinated the students on her end was very impressed with the professionalism of our students!
- Natalie Fleck received tenure this spring, and was chosen to receive the LEE's Award for teaching excellence last spring. Carolyn Reno received full status as Professor, and tenure last fall.
- The Agricultural Degrees are still in development, but students have already started within the Large Animal Sciences certificate pathways and will be able to graduate with an Associate's Degree within 2 years.
 - We are in need of an Adjunct professor to teach several large animal courses at any one of our campuses, although the students who have started are all North West of campus – and we will likely be teaching some of our courses out of MVCTC and Englewood.

We are looking forward to meeting your students and helping them succeed in their goals!



Dear <VET-Linked student>,

<Date>

As of 2018, the Veterinary Technology department at Sinclair College will have graduated 5 classes of students! We have a great record so far – with a >80% retention rate, 100% employment rate, and higher than average National board pass rate. As part of our continuous improvement plan, we track students who have been admitted to the program, along with what makes them more successful – so, **effective January 3, 2018, we made some changes to the VET curriculum and our admissions rubric, and I wanted to share these changes with you.**

- 1. JOB SHADOW:** Not everyone who starts out in the VET program wants to continue in this field for a variety of reasons – and it is our goal that you find this out BEFORE you invest a lot of time and money. Therefore, students interested in the VET program are required to complete **20 or more hours of job shadowing (total) at 2 or more veterinary clinics** (i.e. 10 hours at Clinic A, 15 hours at Clinic B) **before you are eligible for entry into the program.** Click [here](#) for a link to the [Job Shadow Form](#) (also on the website) for you to fill out as you complete these hours. Job shadowing is required for application to the program, but you may want to do it prior to completing prerequisites.
- 2. Changes in curriculum:**
 - A. All new students will be encouraged to take Principles of Anatomy & Physiology I & II.** Our data shows that students who completed a previous Anatomy and Physiology course (BIO) did better in the VET Tech Anatomy and Physiology course (VET 2101), and subsequently, all related coursework – so we will be changing the BIO prerequisites to the Principles of Anatomy and Physiology I and II [BIO 1141/1147 and BIO 1242/1248], effective Fall, 2018. Students who have taken the previously accepted Biology courses prior to Fall, 2018 will be eligible for application (5-year rule applies.) *(See “Transition Year” if taking VET 1200 in the Spring of 2019 for application to the program that semester.)*
 - B. Further changes in curriculum will be in effect for students planning to apply to the program in the Spring of 2020:** In Fall of 2019, we will be replacing HIM 1101 and HUM 1135 with additional courses in the program, adding PSY 1100, as well as extending VET 1200 back to two semesters: VET 1101 and 1201. *(See Curriculum for 2019/2020 if taking VET 1200 in the Spring of 2020 for application to the program that semester.)*
- 3. Changes in minimum GPA to 2.7:** Our data shows that students with a higher GPA prior to entering the program are more likely to be successful in VET courses and on the certification exam. (See attached Admissions Rubric). Therefore, students who are accepted in the **Summer of 2019** and beyond must have a cumulative GPA of 2.7 or higher. The department will **use your GPA from the Fall semester before your application** to the program.
- 4. Changes in the Admissions Rubric:** Students are required to provide 3 references which will now be submitted as a [referral form letter](#) for your references to fill out and send directly to the Department Chair; a **more robust [Essay Rubric](#)** has been developed; and **changes in the point structures for grades and job shadow experiences** (refer to **Admissions Rubric**).

As always, we are committed to providing students with the best program that will lead to a successful career as a Registered Vet Tech, so please do not hesitate to contact your advisor (512-3700, or click [here](#)) with any questions.

Sincerely,

Carolyn Reno, DVM | Chair | Veterinary Technology/Health Sciences
Sinclair College | 444 West Third Street | Dayton, OH 45402
(937) 512-2563 | (937) 512-3119 | **Fax:** (937) 512-4869
carolyn.reno@sinclair.edu

**Veterinary Technology
Admissions Policies and Procedures
(effective for 2019 Applications and beyond)**

(Rev. 01/2018)

Students will be eligible for admission to the Veterinary Technology program only if they meet the following criteria.

1. Completion of the prerequisite courses stated below with an accumulated G.P.A of 2.7, and a C or better in all prerequisite courses. Students who are enrolled in; but have not yet completed, prerequisite course(s) may be eligible for provisional acceptance, pending resulting grades in the course(s). If “Fresh Start” is initiated on a student transcript, course attempt counts will begin AFTER the initiation of the Fresh Start program.

English Composition I (ENG 1101 or ENG 111 and 112) And COM 2206 or 2211 (after Fall, 2019)	General Biology I and II [OR BIO 1141/1242 as of 2018/19] (BIO 1111 and 1211 or BIO 111/117,112/118,113/119) *OR Principles of Biology I and II (BIO 1171 and 1272 or BIO 171, 172, 173) AND CHE 1111 prior to Fall 2019
Intro to Animal Careers (VET 1100) OR equivalent (see program director) – Formerly Intro to Animal Sciences OR VET 1150 starting Fall 2019	Intro to Health Care (ALH 1101)
Microbiology (BIO 2205 as of Fall, 2019)	Mathematics in Health Sciences (MAT 1130) OR OTM Equivalent (prefer MAT 1470)
Medical Terminology (HIM 1100) OR COM 2206/2211 starting Fall 2019	Intro to Vet Tech VET 1200, OR VET 1101/1201

Transfer of credits from other institutions will be considered as follows:

- A grade of C or higher must have been received.
 - An official transcript must be submitted directly to the Office of Registration and Student Records.
 - The evaluation of the transfer of credits will be evaluated according to the Board of Regent's Transfer Assurance Guide (TAG) and Career Technical Credit Transfer (CT²) initiatives and will be at the discretion of the Program Director.
2. Completion of the TEAS exam, with minimum cumulative (overall) score of 55% Students can schedule to take the TEAS exam after meeting with an academic advisor to confirm eligibility to test.
 3. 3 Letters of Recommendation, at least one from DVM or RVT.
 4. Documented Animal Contact Hours (at least 10 hours), should be at a veterinary facility, animal research laboratory or wildlife rehabilitation center. A licensed professional (RVT, DVM) must sign off on hours spent. Please document all of your hours, as this is helpful later in your course of study.
 5. Essay: A two or more (typed) page essay expressing why student would like to be accepted into the RVT Program, including expectations post program completion. (Rubric provided)

All documentation and essay must be presented as an ePortfolio in eLearn. The student may find an example of this portfolio in the Vet Student Community in eLearn – which is available to those students who have asked the Veterinary Technology Administrator (Shirlene Woodgeard), Faculty (Natalie Fleck), or Faculty/Chair (Carolyn Reno) to be added to this community.

Decisions on admission into the program will be based on the following rubric as well as on the advice of a selection committee. In the event of a tie, the date the application is submitted will be determinative. If the dates are the same, the number and quality (actual vet hours vs. simple animal contact hours) of animal contact hours will be compared. If this does not result in a decision, the Program Director will make the final determination.

**Veterinary Technology
Admissions Policies and Procedures
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(Rev. 01/2018)

NAME:	TARTAN ID:	DATE of Application:
Section I: GPA , as of previous year's Fall Semester		
GPA must be 2.7 or above for review	GPA =	X10 =
Section II: Science Prerequisites, must be completed by end of Spring Semester to qualify for Summer admission. The most current grade will be used.		
A= 20 points	B= 15 points	C= 10 points
Complete the following with a "C" or higher: If a science course is not passed within 3 tries, the student will not be admitted to this program.		
	Grade	Points
		Total Points
BIO 1111, 1141 (after 2019) or 1171		
CHEM 1111 or 1211 or ALH 1101 (after 2019)		
HIM 1100		
Section III: Veterinary-Specific Courses: Completed with A or B 1st time= 40 points, Completed with a C 1st time = 25 points; A or B 2nd time: 25 points, C 2nd time: 15 points; A, B, or C on 3rd try = 10 points.		
VET 1200	A, B, or C; 1 st , 2 nd , or 3 rd	
VET 1100 (or work/school equivalent)	A, B, or C; 1 st , 2 nd , or 3 rd	
Tech Prep Student in High School (must have passed successfully) All other Health Science areas receive 20 points	Vet Sciences = 40 points Animal Care/Management = 25 points Equine Sciences = 25 points	
Section IV: Veterinary Medicine Readiness		
Completion of TEAS Exam, with an Overall Score of 55% or above*. 20 points for an accumulative score of 75% or above; 15 points for a score of 65% to 69.99%; 5 points for receiving 55-64.99%		
*Minimum Cut-Off Score as of July 1, 2016. Exams dated prior to this date are exempt from this minimum.		
TEAS Exam	Score:	
Section V: Student Essay: 2+ page essay expressing student's goals in 1, 5 and 10 years – what expectations they have of the program and what they can bring to the program. See Rubric for scoring details.		
Essay Score 0-40 points based on Essay Rubric		Comments:
* If the Essay is remarkably poor, the student may not be considered eligible for the program, as it is imperative that an RVT can communicate professionally both in writing and speech.		
Section VI: Letters of Reference, Scores based on form letter rubric, highest possible/letter = 10pts for 30pt. Total		
Letter 1 (RVT or DVM)		
Letter 2		
Letter 3		

**Veterinary Technology
Admissions Policies and Procedures
(effective for 2019 Applications and beyond)**

(Rev. 01/2018)

Section VII: Animal Contact Hours: Documented animal contacted hours with a DVM or RVT.				
Hours (will accept at least 10 hours, up to 15\hours, for full points in this section)		X # of clinics visited/1.5 (up to 3, no less than 1hr/clinic)		Ex: 10 hours X 1 clinic = 10 hours 10 hours X 2 clinics/1.5 = 13.33 hours 10 hours X 3 clinics/1.5 = 20 hours
Section VIII: Highest Prior Academic Degree				
Points awarded only for Highest Degree Obtained. List college attended:				
Points - _____				
AS/AA=40points	AAS= 40 points	BA: =50 points	BS: 50 points	Graduate Degree: 60 points
SECTION POINTS:		GPA	Section I	
		Sci PreReq	Section II	
		Vet Sci	Section III	
		TEAS	Section IV	
		Essay/Interview	Section V	
		Letters	Section VI	
		Hours	Section VII	
		Degrees	Section VIII	
TOTAL POINTS:				

_____Student offered admission to VET program _____Student not offered admission to VET program

_____Student offered provisional admission pending results of completion of prerequisites.

Comments:

† Proof of tetanus immunization is due in to the Veterinary Technology office during the application process within the first 2 weeks of the first semester in the program. Rabies immunizations will be strongly recommended.

Subject Code	Course Number	Semester 1 – Prerequisites – HS.S.AAS Course Title	Credit Hours	Non-Tech	Tech
ENG	1101	English Composition I	3	3	
BIO	1141/1147	Principles of Anatomy and Physiology I	4	4	0
MAT	1130	Mathematics in Health Sciences	3	3	0
ALH	1101	Introduction to Health Care	2	2	
HIM	1101	Medical Terminology	2	2	
VET	1100	Introduction to Animal Careers (OR Equivalent)	1	1	1
Totals			15	14	1
Subject Code	Course Number	Semester 2- Prerequisites - HS.S.AAS Course Title	Credit Hours	Non-Tech	Tech
BIO	1242/1248	Principles of Anatomy and Physiology II	4	4	
VET	1200	Introduction to Veterinary Technology	3		3
HUM	1135	Environmental Ethics	3	3	
CHE	1111	Introduction to Chemistry I	4	3	
Totals			14	11	3
Subject Code	Course Number	Semester 3 (SUMMER) – Veterinary Technology – VET.S.AAS Course Title	Credit Hours	Non-Tech	Tech
VET	2107	Technical Practicum I	2		2
BIO	2205/2206	Microbiology	4	4	
COM	2206 or 2211	Interpersonal Com or Effective Speaking	3	3	
Totals			10	8	2
Subject Code	Course Number	Semester 4 – Veterinary Technology – VET.S.AAS Course Title	Credit Hours	Non-Tech	Tech
VET	2105	Veterinary Anesthesia, Surgery, Diagnostic Laboratory, and Radiology	5		5
VET	2111	Large Animal Husbandry and Veterinary Techniques (B Term)	2		2
VET	2101	Comparative Anatomy and Physiology, Animal Husbandry and Disease	6		6
VET	2207	Technical Practicum II	2		2
Subject Code	Course Number	Semester 5 - Veterinary Technology – VET.S.AAS Course Title	Credit Hours	Non-Tech	Tech
VET	2250	Veterinary Pharmacology	4		4
VET	2211	Veterinary Case Studies (Online) (A Term)	1		1
VET	2205	Veterinary Dentistry, Advanced Radiology and Diagnostic Laboratory (A Term)	4		4
VET	2300	Preceptorship (B Term)	2		2
ALH	1103	Allied Health: Test Taking Strategies for the VTNE	1	1	
Totals			12	1	11

TOTAL: 65

Subject Code	Course Number	Semester 1 – Prerequisites – HS.S.AAS Course Title	Credit Hours	Non-Tech	Tech
ENG	1101	English Composition I	3	3	
BIO	1141/1147	Principles of Anatomy and Physiology I	4	4	0
MAT	1130	Mathematics in Health Sciences	3	3	0
ALH	1101	Introduction to Health Care	2	2	
VET	1101	Introduction to Veterinary Technology I	2		2
Totals			14	12	2
Subject Code	Course Number	Semester 2- Prerequisites - HS.S.AAS Course Title	Credit Hours	Non-Tech	Tech
BIO	1242/1248	Principles of Anatomy and Physiology II	4	4	
VET	1201	Introduction to Veterinary Technology II	2		2
CHE	1111	Introduction to Chemistry I	4	4	
COM	2206 or 2211	Interpersonal Com or Effective Speaking	3	3	
VET	1150	Clinical Practice I: OSHA, Ethics, Communications and Professionalism within Veterinary Medicine (A Term) → Online, Hybrid or CBE in future	1		1
Totals			14	11	3
Subject Code	Course Number	Semester 3 (SUMMER) – Veterinary Technology – VET.S.AAS Course Title	Credit Hours	Non-Tech	Tech
VET	2107	Technical Practicum I	2		2
PSY	1100	General Psychology	3	3	
BIO	2205/2206	Microbiology	4	4	
VET	2005	Clinical Practice II: Veterinary Medical Terminology, Record-keeping, Intro to Hospital Management and Client Communications (FLEX Term) → Online or Hybrid or CBE in future	1		1
Totals			10	7	3
Subject Code	Course Number	Semester 4 – Veterinary Technology – VET.S.AAS Course Title	Credit Hours	Non-Tech	Tech
VET	2105	Veterinary Dentistry, Diagnostic Laboratory, and Radiology	5		5
VET	2111	Large Animal Husbandry and Veterinary Techniques (B Term)	2		2
VET	2101	Comparative Anatomy and Physiology, Animal Husbandry and Disease	6		6
VET	2207	Technical Practicum II	2		2
Totals			15		15
Subject Code	Course Number	Semester 5 - Veterinary Technology – VET.S.AAS Course Title	Credit Hours	Non-Tech	Tech
VET	2250	Veterinary Pharmacology	4		4
VET	2211	Veterinary Case Studies (Online) (A Term)	1		1
VET	2205	Veterinary Anesthesia, Advanced Radiology and Diagnostic Laboratory (A Term)	4		
VET	2300	Preceptorship (B Term)	2		2
ALH	1103	Test-Taking Strategies (Preparation for VTNE)	1	1	0
Totals			12	1	11

Total = 65