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# The Carl and Winifred Lee Honors College

SPRING 2008

## Scheduling Information and Course Descriptions

**\*\*PRIORITY REGISTRATION IS OCTOBER 23, 2007 \*\***

*The Lee Honors College reserves the right to add or to delete courses from its offerings and to change the meeting times, locations and instructors. We recommend that you verify days, times, room numbers, and buildings of your honors courses before attending class.*

## Cluster General Education Equivalencies

<i>Cluster I – Horrors of War</i>								
Gen Ed	CRN	Course	Title	Days	Time	Location	Instructor	Credits
2	16074	HNRS 2400	The Holocaust	W	4:00-6:20 p.m.	1020 LHC	King	3
5	16076	HNRS 4500	Politics of the 20th Century	M	6:30-9:00 p.m.	1020 LHC	Kostrzewa	3
<i>Cluster II – Community Contexts and Contacts</i>								
Prof. 4d	12967	COM 1700	Interpersonal Comm.	TR	11:00 a.m.-12:15 p.m.	4420 McCracken	Greer	3
X	14554	HNRS 4900	Service Learning & Leadership	TR	2:00-3:15 p.m.	1030 LHC	Slosberg	3
<i>Cluster III – Physics and the Language of Calculus</i>								
6	12230	PHYS 2050	Mechanics & Heat (Lecture)	MTWRF	11:00-11:50 a.m.	1110 Rood	Kaldon	4
6	12237	PHYS 2060	Mechanics & Heat (Lab)	W	2:00-3:50 p.m.	2250 Rood	Staff	1
X	11131	MATH 1230	Calculus II	MTRF	10:00-10:50 a.m.	3307 Rood	Staff	4
X	15797	HNRS 2900	Integrating Seminar	W	4:00-4:50 p.m.	2211 Rood	Staff	1

Clusters I & III are NOT single courses and cannot be taken as such. You must take all courses in the cluster to received Honors College credit.

However, Cluster II can be taken for cluster credit or each class can be taken separately.

## Single Course General Education Equivalencies by Area

Gen Ed	CRN	Course	Title	Days	Time	Location	Instructor	Credits
X	15704	CHEG 2960	Material & Energy Balances (Lecture)	MWF	8:30-9:20 a.m.	D0208 CEAS	Kline	3
X	15705	CHEG 2960	Material & Energy Balances (Discussion)	T	2:30-4:20 p.m.	C0123 CEAS	Kline	1
X	15707	CHEG 2960	Material & Energy Balances (Discussion)	T	4:30-6:20 p.m.	C0123 CEAS	Kline	1
X	12634	CHEG 3120	Unit Operations in Chemical Engineering II (Lecture)	MW	10:30-11:20 a.m.	D0208 CEAS	Aravamuthan	3
X	12640	CHEG 3120	Unit Operations in Chemical Engineering II (Discussion)	M	2:30-5:20 p.m.	A0120 CEAS	Aravamuthan	X
X	12655	CHEG 3120	Unit Operations in Chemical Engineering II (Discussion)	W	2:30-5:20 p.m.	A0120 CEAS	Aravamuthan	X
X	12849	ENGR 2020	Service Learning Design I	T	6:30-7:20 p.m.	C0122 CEAS	Staff	1
X	12850	ENGR 3030	Service Learning Design II	T	6:30-7:20 p.m.	C0122 CEAS	Staff	1
X	12852	ENGR 4040	Service Learning Design III	T	6:30-7:20 p.m.	C0122 CEAS	Staff	1
X	16075	HNRS 2200	Science Fiction	TR	9:30-10:45 a.m.	1030 LHC	Renstrom	3
X	15729	HNRS 2900	Jazz, Blues, & the Harlem Renaissance	MW	2:00-3:15 p.m.	1030 LHC	Friesner	4
X	16058	HNRS 2900	Video Game Design	MW	10:00-11:30 a.m.	Gilmore	Abbott & MacKenzie	3
X	15841	HNRS 2900	Digital Media in Film, Animation & Television	W	7:30-10:00 p.m.	1030 LHC	Abbott	3
X	12878	HNRS 2900	The Graphic Novel	W	4:00-6:20 p.m.	1020 LHC	Cooper	3
X	16087	HNRS 2900	Issues in Comtemporary Politics \Mock Trial	T	4:00-6:20 p.m.	2203 Dunbar	Renstrom	3
X	15722	HNRS 4900	Risk Taking & Change 2	TR	3:30-4:45 p.m.	Shilling Lounge	Oxhandler	3
X	14555	HNRS 4900	Risk Taking & Change 3: Vision Quest	TR	3:30-4:45 p.m.	Shilling Lounge	Oxhandler	3
X	15773	HNRS 4900	The Warrior	W	10:00-12:20 p.m.	Shilling Lounge	Oxhandler	3
X	14554	HNRS 4900	Service Learning & Leadership	TR	2:00-3:15 p.m.	1030 LHC	Slosberg	3
X	15731	HNRS 4900	Sex, Love & Intimacy	TR	4:00-5:15 p.m.	1030 LHC	Carr	3
X	16477	HNRS 5300	Meditation to Enhance Learning	T	2:00-3:00 p.m.	Wellness Lab -CHHS	Oxhandler	1
X	16056	HOL 5300	Yoga to Enhance Learning	W	5:00-6:00 p.m.	1021 CHHS	Mills	1
X	15670	LAW 3800	Legal Environment	TR	5:00-6:15 p.m.	1160 Schneider	Craig	3
X	13557	PHIL 4100	Professional Ethics (Lecture)	MW	4:00-4:50 p.m.	3502 Knaus	Pritchard	3
X	13559	PHIL 4100	Professional Ethics (Discussion)	W	5:00-5:50 p.m.	1115 Moore	Pritchard	0
X	16281	PHIL 4700	Research ethics	T	3:00-4:40 p.m.	2016 Moore	Pritchard & Janson	2
X	15967	PHYS 4980	Flying Circus of Physics	MW	2:00-3:15 p.m.	2202 Everett	Famiano	3
X	11545	PSCI 3900	Field Work in Political Science		As assigned	Capitol In Lansing	Houghton	1-4
X	11556	PSCI 3910	Internship Seminar	M	4:00-6:20 p.m.	3207 Dunbar	Houghton	3

1	12567	ENGL 1100	Literary Interpretation	MW	12:00-1:50 p.m.	1245 Schneider	Staff	4
1	16103	HNRS 4100	Identity through the Arts	TR	4:00-5:50 p.m.	1020 LHC	Cooper	4
1	14565	HNRS 4100	Musical Theater in America	T	6:30-9:00 p.m.	1030 LHC	Hilgart	3
2	16073	HNRS 4900	Religion & Nature	M	2:00-4:30 p.m.	2203 Dunbar	Shattuck	4
2	15861	HNRS 2200	Spanish Cinema & Literature	TR	12:30-1:45 p.m.	4208 Dunbar	Bigelow	3
2	14557	HNRS 4200	Women in Literature	TR	2:00-3:50 p.m.	1030 LHC	Siebers	4
2	13001	HNRS 4200	Russian Myths & Tales	TR	2:00-3:15 p.m.	2303 Kohrman	Nisula	3
2	14564	HNRS 4200	Russian Civilization	MW	2:00-3:15 p.m.	3204 Dunbar	Nisula	3
2	12999	HNRS 4200	Chinese Films-Visualizing China	W	4:00-6:20 p.m.	1275 Schneider	Wang	3
2	12986	HNRS 4200	Romans on Films	T	6:30-9:00 p.m.	2210 Dunbar	Johnson	3
2	14560	HNRS 4200	Images of the West in Arabic Literature	TR	2:00-3:15 p.m.	2211 Kohrman	Mughazy	3
2	16070	HNRS 4200	Modernism East & West	TR	9:30-10:45 a.m.	2212 Dunbar	Angles & Kuchta	3
2	15763	NUR 3220	Health Care Ethics	M	6:00-8:50 p.m.	2060 CHHS	Lagerwey	3
3	14495	HNRS 2300	Hispanic Culture in the U.S.	MWF	11:00-11:50 a.m.	3101 Sangren	Montilla	3
4	15730	HNRS 4900	South Africa	MW	2:00-3:15	1330 Schneider	Datta-Sandhu	3
Prof.4d	12610	COM 1040	Public Speaking	TR	9:30-10:45 a.m.	1321 Trimpe	Berkshire- Hearit	3
Prof.4d	12967	COM 1700	Interpersonal Communication	TR	11:00 a.m.- 12:15 p.m.	4420 McCracken	Greer	3
Prof. 4g	14507	HNRS 2900	Basic Arabic I	MTWR	11:00-11:50 a.m.	1030 LHC	Staff	4
Prof. 4g	13838	HNRS 2900	Basic Chinese	MTWR	2:00-2:50 p.m.	4205 Dunbar	Staff	4
Prof. 4g	13843	HNRS 2900	Basic Chinese II	MTWR	2:00-2:50 p.m.	2210 Dunbar	Staff	4
5	16072	HNRS 4900	Religion & the State	W	2:00-4:30 p.m.	3209 Dunbar	Covell	3
5	16322	HNRS 4500	The European Union	TR	12:30-1:45 p.m.	2203 Dunbar	Hega	3
5	11397	PSY 1000	General Psychology	TR	4:00-5:50 p.m.	3210 Dunbar	Malott	3
5	11396	PSY 3980	Rat Lab	MW	10:00-11:50 a.m.	2010 Haenicke	Malott	1
6	12699	IMAG 1500	Introduction to Imaging (Lecture)	TR	8:00-9:15 p.m.	1610 McCracken	Lemon	4
6	12733	IMAG 1500	Introduction to Imaging (Discussion)	W	6:30-9:20 p.m.	0220 CEAS	Lemon	0
7	15063	SPPA 2000	Intro to Communication Disorders & Sciences (Lecture)	MW	4:00-5:20 p.m.	1093 CHHS	Sharp	3
7	16355	HNRS 2900	Intro to Comm Disorders & Sciences ((Discussion)	W	3:00-3:50 p.m.	1093 CHHS	Sharp	1
8	15761	ADA 2250	Drug Use: Personal & Social Impact	T	2:00-4:40 p.m.	1024 CHHS	Simpson	3

## Single Courses Gen Ed Equivalencies (Alphabetical)

Gen Ed	CRN#	Course	Title	Credits
8	15761	ADA 2250	Drug Use: Personal & Social Impact	3
X	15704	CHEG 2960	Material & Energy Balances (Lecture)	4
X	15705	CHEG 2960	Material & Energy Balances (Discussion)	0
X	15707	CHEG 2960	Material & Energy Balances (Discussion)	0
X	12634	CHEG 3120	Unit Operations in Chemical Engineering II (Lecture)	3
X	12640	CHEG 3120	Unit Operations in Chemical Engineering (Discussion)	0
X	12655	CHEG 3120	Unit Operations in Chemical Engineering (Discussion)	0
Prof. 4d	12610	COM 1040	Public Speaking	3
Prof. 4d	12967	COM 1700	Interpersonal Communication	3
1	12567	ENGL 1100	Literary Interpretation	4
X	12849	ENGR 2020	Service Learning Design I	1
X	12850	ENGR 3030	Service Learning Design II	1
X	12852	ENGR 4040	Service Learning Design III	1
X	16075	HNRS 2200	Science Fiction	3
2	15861	HNRS 2200	Spanish Cinema & Literature	3
3	14495	HNRS 2300	Hispanic Culture in the U.S.	3
Prof. 4g	14507	HNRS 2900	Basic Arabic I	4
Prof. 4g	13838	HNRS 2900	Basic Chinese	4
Prof. 4g	13843	HNRS 2900	Basic Chinese II	4
X	15841	HNRS 2900	Digital Media in Film, Animation & Television	3
X	12878	HNRS 2900	The Graphic Novel	3
X	16087	HNRS 2900	Issues in Contemporary Politics/Mock Trial	3
X	15729	HNRS 2900	Jazz, Blues, & the Harlem Renaissance	4
1	16103	HNRS 4100	Identity through the Arts	4
1	14565	HNRS 4100	Musical Theatre in America	3
2	12999	HNRS 4200	Chinese Films-Visualizing China	3
2	14560	HNRS 4200	Images of the West in Arabic Literature	3
2	16070	HNRS 4200	Modernism East & West	3
2	12986	HNRS 4200	Romans on Film	3
2	14564	HNRS 4200	Russian Civilization	3
2	13001	HNRS 4200	Russian Myths & Tales	3
2	14557	HNRS 4200	Women in Literature	4
5	16322	HNRS 4500	The European Union	3
2	16073	HNRS 4900	Religion & Nature	4
5	16072	HNRS 4900	Religion & the State	3
X	15722	HNRS 4900	Risk Taking & Change 2	3
X	14555	HNRS 4900	Risk Taking & Change 3: Vision Quest	3
X	14554	HNRS 4900	Service Learning & Leadership	3
X	15731	HNRS 4900	Sex, Love & Intimacy	3
4	15730	HNRS 4900	South Africa	3
X	15773	HNRS 4900	The Warrior	3
X	TBA	HNRS 4950	Independent Study	1-3
X	TBA	HNRS 4990	Honors Thesis	1-3
X	16477	HOL 5300	Meditation to Enhance Learning	1
X	16056	HOL 5300	Yoga to Enhance Learning	1
6	12699	IMAG 1500	Introduction to Imaging (Lecture)	4
6	12733	IMAG 1500	Introduction to Imaging (Discussion)	0
X	15670	LAW 3800	Legal Environment	3
2	15763	NUR 3220	Health Care Ethics	3
X	13557	PHIL 4100	Professional Ethics (Lecture)	3
X	13559	PHIL 4100	Professional Ethics (Discussion)	0
X	16281	PHIL 4700	Research Ethics	2
X	15967	PHYS 4980	Flying Circus of Physics	3
X	11545	PSCI 3900	Field Work in Political Science	1-4
X	11556	PSCI 3910	Internship Seminar	3
5	11397	PSY 1000	General Psychology	3
5	11396	PSY 3980	Rat Lab	1
7	15063	SPPA 2000	Introduction to Communication Disorders & Sciences (Lecture)	3
7	16355	HNRS 2900	Introduction to Communication Disorders & Sciences (Discussion)	1

# Cluster Descriptions

## *Courses Open to All Honors Students*

**\*\*Students must enroll in all courses of the cluster\*\***

### **I. Horrors of War (6 credits)**

These two courses will focus on the theme of genocide, a particularly cruel form of war against people, not just to defeat them, but to annihilate them. What has created this phenomenon in the twentieth century? These courses will explore possible answers to this question.

#### **HNRS 2400: The Holocaust**

**16074**

**Dr. Sam King**

**W**

**4:00-6:20 p.m.**

**1020 LHC**

**3 credit hours**

The course will be seminar style. Readings will include a coursepack prepared by the instructor and memoirs by survivors. We'll also view recent relevant videos.

*Dr. King* has taught a course on the Holocaust for several years. He also has lectured on the subject before various groups. He has conducted in-depth interviews with more than 20 Holocaust survivors.

#### **HNRS 4500: Politics of the 20th Century: The Dehumanization of the Other**

**16076**

**Dr. Tom Kostrzewa**

**M**

**6:30-9:00 p.m.**

**1020 LHC**

**3 credit hours**

While the focus of this course is on current and 20th century genocides, attention to the broad historical context and pre-twentieth century perpetrators and victims will serve as a reminder that genocide has occurred throughout history in all parts of the world.

*Dr. Thomas Kostrzewa* (pronounced Kostreva) completed his Ph.D. in International Relations at the University of Notre Dame. His research interests include minority nationalism, state strategic interests, and globalization. Dr. Kostrzewa was one of the first American instructors to teach at a Chinese university after diplomatic relations were established between the People's Republic and the United States in 1979.

### **II. Community Contexts and Contacts (6 credits)**

This cluster ties together learning experiences that are especially appropriate for students who are preparing themselves to deal consistently with individuals and organizations in the area of service agencies, human relations, public administration and law.

This cluster is ideal for those students in the humanities (communication, philosophy, etc.) and human services (social work) area. The practicum requires a minimum 30 hours of service learning throughout the semester.

**COM 1700: Interpersonal Communication I  
12967**

**Ms. Cordelia Greer**

**TR 11:00 a.m-12:15 p.m. 4420 McCracken 3 credit hours**

This is an introductory course in interpersonal communication theory and practice in which students utilize their powers of speech to increase their communication effectiveness in interpersonal relationships through understanding of self and others. This course will assist students in developing personal theories, knowledge of the communication competence process, skill enhancement, and an increased understanding of the area of interpersonal communication.

**HNRS 4900: Service Learning & Leadership**

**14554**

**Rev. Coleen Slosberg**

**TR 2:00 - 3:15 p.m. 1030 LHC 3 credit hours**

Changing the world is hard work! This course will prepare you to make a difference in the world whatever your major. Through service work, academic study and classroom activities we will learn the theory of service learning and leadership as we engage in developing those skills. Our classroom will be the world. Students will be required to participate in 30 hours of approved service work, participate in leadership and reflect on those activities within the classroom setting.

*Coleen Smith Slosberg* has facilitated student service learning on the WMU campus for 18 years. She is faculty advisor for the student chapters of Habitat for Humanity and Volunteering With Kids.

**III. Physics and the Language of Calculus (10 credits)**

This cluster brings together courses and integrating experiences that should benefit future engineers, mathematicians and physicists.

Students who will take this cluster in Spring 2007, are those who might have taken “ Science and Technology” in Fall 2006. These are students in the pre-engineering program and those majoring in physics, geology and mathematics.

**PHYS 2050 and 2060: Mechanics and Heat Lab**

**12230 (Lecture)**

**Dr. Philip Kaldon**

**MTWRF 11:00-11:50 a.m. 1110 Rood 4 credit hours**

**12237 (Lab )**

**W 2:00-3:50 p.m. 2250 Rood 1 credit hour**

The course will consist of lectures, demonstrations, and student participation in problem solving. The textbook used in the course will be the sixth edition of *Physics for Scientists and Engineers* by Serway. Grades will be based on homework, quizzes, exams and a final exam. Students will often work in small groups during the semester.

**NOTE:** While qualified students are encouraged to sign up for these honors sections of Physics 2050 and 2060, the chair of the department of Physics will ultimately determine the make up of these classes after examining the fall semester grades of each potential participant.

**MATH 1230: Calculus II**

**11131**

**MTRF            10:00-10:50 a.m.                    3307 Rood                    4 credit hours**

In this course, as in the first semester, the central feature around which our studies will revolve is the theme of differential equations.

Prerequisites include a willingness to invest yourself in your academic pursuits, an interest in working with a professor who believes all students are capable of learning and appreciating mathematics, and Honors Math 1220, or the equivalent of WMU's standard Math 1220 course.

**HNRS 2900: Math-Calculus/Phys. Integrating Seminar**

**15797**

**W                    4:00-4:50 p.m.                    2211 Rood                    1 credit hour**

Calculus is used to help describe the physical world in a clear and concise manner. Many students in an introductory physics course possess knowledge of calculus; however, it takes more than a textbook knowledge of calculus and physics to express physical phenomena in the language of mathematics. This seminar will focus on strengthening these skills. The course will involve group work and regular student presentations.

# Single Course Descriptions

## *Courses Open to All Honors Students*

### **ADA 2250 Drug Use: Personal and Social Impact.**

**15761**

**Dr. C. Dennis Simpson**

**T 2:00-4:40 p.m.**

**1024 CHHS**

**3 credit hours**

This course is designed to increase understanding of substance abuse, alcohol and other drug use through the public health disease model with an emphasis on psychological, physiological and social consequences of use and abuse. An overview of prevention, case finding and treatment strategies are provided.

*Dr. Dennis Simpson* is a Professor in the School of Community Health Services.

### **CHEG 2960: Material and Energy Balances**

**15704 (Lecture)**

**Dr. Andrew**

**Kline**

**MWF 8:30-9:20 a.m.**

**CEAS D0208**

**3 credit hours**

**15705 (Discussion)**

**T 2:30-4:20 p.m.**

**CEAS C0123**

**1 credit hour**

**OR**

**15707 (Discussion)**

**T 4:30-6:20 p.m.**

**CEAS C0123**

**1 credit hour**

The aim of this course is to provide an introduction to the fundamentals of chemical engineering through material and energy balance calculations for different processes.

Extensive problem solving is required in this course. In addition to regular homework sets, the majority of the laboratory time will be devoted to solving additional problems. Honors students will constitute a sub-group of the general lecture and laboratory section. They will collaborate with the instructor to develop one or more projects to enhance the course experience.

*Dr. Kline* is Associate Professor of Paper and Printing Science and Engineering.

**NOTE:** Extra work required of honors students.

### **CHEG 3120: Unit Operations in Chemical Engineering II**

**12634 (Lecture)**

**Dr. R. Aravamathan**

**MW 10:30-11:20 a.m.**

**CEAS D0208**

**3 credit hours**

**12640 (Discussion)**

**M 2:30-5:20 p.m.**

**CEAS A0120**

**OR**

**12655 (Discussion)**

**W 2:30-5:20 p.m.**

**CEAS A0120**

The aims of this course are to acquire a basic knowledge of heat transfer theory and to become familiar with the design and operation characteristics of the heat transfer equipment used by the chemical process industries. Emphasis

will be laid on application of heat transfer theory in practical industrial applications and on the development of problem formulating and solving skills.

*Dr. Aravamuthan* is Professor of Paper Science.

**NOTE:** Honors students will constitute a sub-group of both the general lecture and lab sections. In addition, they will collaborate with the instructor to develop and execute a series of individual and/ or group projects and tasks to enhance the course experience and realize their potential. Twenty percent of their course grade will be based on these special projects.

### **COM 1040: Public Speaking**

**12610**

**Diana Berkshire Hearit**

**TR**

**9:30-10:45 a.m.**

**1321 Trimpe**

**3 credit hours**

During the semester, students will research, outline, and deliver five speeches with the purpose of informing and later persuading listeners.

Each assigned speech will have specific goals and requirements. Within the framework of these requirements, students may select their own topics, ranging from personal interests and experiences to current concerns. Research, outside-of-class interviews and visual aids will be incorporated into the public speaking process.

*Professor Diana Berkshire Hearit* is an Instructor in the School of Communication and a Faculty Fellow in the Lee Honors College.

### **ENGR 2020/3030/4040: Service Learning for Engineering, Education & Other Interested Students**

The Service-Learning Engineering Design course sequence, ENGR 2020, 3030 and 4040, are designed to allow students to engage in design activities that support the local community K-12 schools. Students enrolled in the course will work in interdisciplinary and collaborative project teams in cooperation with a practicing teacher to identify a needed topic, and then design, build, test, and modify an experimental apparatus or other classroom materials that can be use to teach Science, Technology, Engineering, or Mathematics (STEM) topics to students enrolled in Kalamazoo area K-12 schools. The ENGR 2020, 3030 and 4040 courses include an emphasis on collaborative design activities; linking materials developed to K-12 curriculum standards; and developing and practicing teamwork skills, and written and oral communication skills.

Each of these 1-credit courses are project oriented. There are no written exams or textbooks to purchase. Students will produce written project documentation, a final formal project report, and make a formal oral presentation at the end of the project. The courses meet Tuesday evening at the WMU Parkview campus. These courses provide an opportunity for students to get real-world experience in applying your skills to enhance education opportunities in local K-12 schools. If you are interested in K-12 education, or science, math, engineering and technology disciplines, or if you are someone seeking greater community involvement, we invite you to enroll. **You do not need to be an engineering major to enroll in these courses.** The courses are coordinated by Dr. Andrew Kline, Assistant Professor of Chemical Engineering, with contributions from other faculty in engineering and the College of Education. Please contact either Dr. Kline ([andrew.kline@wmich.edu](mailto:andrew.kline@wmich.edu)) or your academic advisor if you wish to enroll by Permission of Instructor. Visit the website <http://www.wmich.edu/engineer/ceee/EDC> to view projects completed by other students who have taken Service-Learning Engineering Design.

**NOTE:** Since the Service Learning Design course is a series of one-credit courses, a student will need to be enrolled in all three semesters to earn Honors College course credit.

**ENGR 2020: Service Learning Design I****12849****Staff****T                    6:30-7:20 p.m.                    C0122 CEAS                    1 credit hour**

Using the engineering design process to complete a service learning design project. Students will be part of a multidisciplinary project team working to provide materials, activities, and training for teaching Science, Technology, Engineering, and Mathematics (STEM) topics in K-12 school settings, or to meet other identified educational needs in the local community.

**Prerequisites: IME 1020; or ID 2430 or Permission of instructor.****ENGR 3030: Service Learning Design II****12850****Staff****T                    6:30-7:20 p.m.                    C0122 CEAS                    1 credit hour**

Continuation of ENGR 2020 with increasing responsibilities related to defining the project, interactions with clients, project management, and analysis of multiple design solutions.

**Prerequisites: (ID 2470 and Junior standing), or (ENGR2020 and Junior standing), or Permission of instructor.****ENGR 4040: Service Learning Design III****12852****Staff****T                    6:30-7:20 p.m.                    C0122 CEAS                    1 credit hour**

Continuation of ENGR 3030 with increasing responsibilities related to defining a project, interactions with clients, project management, project budgeting, and analysis and evaluation of multiple design solutions.

**Prerequisites: (ID 4330 and Junior standing), or (ENGR3030 and Junior standing), or Permission of instructor.****ENGL 1100: Literary Interpretation****12567****Staff****MW                    12:00-1:50 p.m.                    1245 Schneider                    4 credit hours**

This section of English 1100 will introduce students to the basic techniques and terms used in literary analysis. Through participation in these class lessons and through writing several papers, students will be given practice in pulling apart a literary text to consider its basic elements in relation to its theme as a whole, its genre, and even to what literary critics have said about it in the past. Much emphasis in this class will be placed upon both individual vocal participation and group work, improvement in student writing through self and peer-editing, and gaining an appreciation of quality literature, especially of poetry.

Please note that students planning on taking this course are required to complete ENGL1050 with a grade of “B” or higher before enrolling in ENGL1100. This is an important prerequisite to fulfill, especially since I tend to be a very stern grader of essays and research papers.

**HNRS 2200: Spanish Cinema & Literature****15861****Dr. Gary Bigelow****TR****12:30-1:45 p.m.****4208 Dunbar****3 credit hours**

In this course, a new one in the series of Language 3750/ Honors 4900 courses that may satisfy the baccalaureate writing requirement for Spanish and Foreign Languages majors, several works of Spanish literature and their cinematographic adaptations are studied in their own right, in relation to each other, and for the sake of what they may reveal about Spanish culture.

It may not be possible to schedule all the needed viewing of films during the usual class hours, when we may focus on certain aspects or moments of the films, without being able to see them in their entirety during class.

**NOTE:** This course is cross-listed with LANG 3750

**HNRS 2300: Hispanic Culture in the U.S.****14495****Dr. Patricia Montilla****MWF****11:00-11:50 a.m.****3101 Sangren****3 credit hours**

This course examines the establishment and development of the three main Hispanic population groups in the United States as well as numerous others. Classes will be conducted in English. This course does not count toward the Spanish major or minor.

**NOTE:** This course is cross-listed with SPAN 2650

**HNRS 2900: Basic Arabic I****14507****Staff****MTWR****11:00-11:50 a.m.****1030 LHC****4 credit hours**

Fundamentals of modern Arabic with emphasis on listening and speaking skills.

**NOTE:** This course is cross-listed with ARAB 1000

**HNRS 2900: Basic Chinese****13838****Staff****MTWR****2:00-2:50 a.m.****4205 Dunbar****4 credit hours**

Fundamentals of Chinese. Background and practice in listening comprehension, speaking, reading and writing.

**NOTE:** This course is cross-listed with CHIN 1000

**HNRS 2900: Basic Chinese II****13843****Staff****MTWR****2:00-2:50 p.m.****2210 Dunbar****4 credit hours**

The prerequisite for this course is completion of Basic Chinese I (Chinese 1000) or equivalent. This course is designed for beginners who have very limited knowledge of Mandarin Chinese.

**NOTE:** This course is cross-listed with CHIN 1010

**HNRS 2900: Digital Media in Film, Animation and Television****15841****Mr. Kevin Abbott****W****7:30-10:00pm****1030 LHC****3 Credit hours**

This course will explore the impact of digital media tools on film and animation production. These tools include software and hardware products developed to create 3d animation, composite layers of imagery, and generate special effects. Through the viewing and analysis of films students will develop a critical understanding of the role digital media has played in this media explosion. Students will also get hands on experience with technologies such as green screen, match moving, background replacement, and 3D graphics.

Since graduating with a degree in Theatre Design, *Kevin Abbott* has worked extensively with digital media and computer graphics over the past 15 years. Kevin has worked as a game designer, art director, visual effects artist, scenic designer, web designer, virtual architect, and animator.

**HNRS 2900: The Graphic Novel****12878****Ms. Becky Cooper****W****4:00-6:20 p.m.****LHC 1020****3 credit hours**

These aren't the comics your parents read, gang! The emergence of the graphic novel inspires debate about definitions of literature. We will read, analyze, discuss, and write about several novels in this course. Prior knowledge of the genre, though welcome, is not a requirement—you only need an interest in reading great books, sharing insight, and possibly trying your own hand with sequential art.

*Becky Cooper*, who holds an MFA in poetry, is an Instructor for the Lee Honors College.

**HNRS 2900: Issues in Contemporary Politics/Mock Trial****16087****Ms. Joelle Renstrom****T****4:00-6:20 p.m.****2203 Dunbar****3 credit hours**

This course is for honors students who are members of the WMU Mock Trial Team and have taken the 2900 course in the fall and/ or participated in mock trial before. This course picks up where the fall 2900 course leaves off and focuses on invitational, regional and national competitions which will take place in the spring. This class does not provide an introduction to mock trial. With instructor permission, a student new to mock trial can take this class with the understanding that s/ he will not have an active competition role but would gain experience helpful in the coming year.

Students interested in competing in Mock Trial should contact Sue Oole, Academic Advisor of the Lee Honors College.

*Ms. Joelle Renstrom*, an eight year mock trial participant and two time national champion currently instructs and coaches the WMU Mock Trial team.

**NOTE:** This course is cross-listed with PSCI 2700. For course registration, please contact Sue Oole, Academic Advisor at 387-3230.

**HNRS 2900: Jazz, Blues, and the Harlem Renaissance****15729****Mr. Scott Friesner****MW****2:00-3:15 p.m.****1030 LHC****4 credit hours**

This course will place special emphasis on American jazz and blues forms as a crucial influence and metaphor for the very rhythm and experience of modernity as it explores the interrelations between literature, music, and American culture in the work of artists such as Louis Armstrong, Fats Waller, Duke Ellington, Bessie Smith and Billie Holiday as well as Langston Hughes, Sterling Brown, Zora Neale Hurston, Jean Toomer and a host of others.

*Scott Friesner* is an assistant professor in the Department of English.

**HNRS 2200: Science Fiction****16075****Ms. Joelle Renstrom****TR****9:30-10:45 a.m.****1030 LHC****3 credit hours**

This course will examine and explore the evolution of science fiction from Mary Shelley's *Frankenstein* to Asimov, Clarke and Bradbury, to modern speculative fiction writers such as Neil Gaiman and J. Michael Straczynski, as well as modern screen portrayals of science fiction.

Students will write a number of formal essays about the readings, including a longer final essay. Students will also write short weekly response papers (both in and out of class) to readings as well as short creative works that explore science fiction themes.

*Ms. Joelle Renstrom*, holds a BA degree from the University of Michigan and is an MFA graduate of the University of Vancouver British Columbia. She also currently directs the WMU Mock Trial team.

**HNRS 2900: Video Game Design****16058****Mr. Kevin Abbott & Mr. John MacKenzie****MW****10 - 11:30 a.m.****Gilmore Design Studio****3 credit hours****Gilmore Theatre ComplexMax****Enrollment: 16**

This course will investigate the state of contemporary video games and examine principles that are applied in the development of the interactivity and visual design of these games. Students will analyze existing games and identify positive and negative aspects of the design, implementation, and game play. Students will also get significant practical experience in the design and creation of their own video games, including the development of design documents, creation of game art using 3D software, and implementation using game development software. Students enrolling in this course should be comfortable using computers.

Since graduating with a degree in Theatre Design, *Kevin Abbott* has worked extensively with digital media and computer graphics over the past 15 years. Kevin has worked as a game designer, art director, visual effects artist, scenic designer, web designer, virtual architect, and animator.

After graduating with degrees in Media Production, *John* has been producing educational video and media for The Kettering Institute and Western Michigan University for over 14 years. His animation experience ranges from individual images hand drawn on 16mm film to several of today's high end 3D software packages.

### **HNRS 3990: Field Experience Practicum**

**Ms. Sue Oole**  
**1-3 credit hours**

For course registration, complete the Agreement Form available from the Lee Honors College web site and then turn into Sue Oole, Academic Advisor.

### **HNRS 4100: Identity through the Arts**

**(WHO ARE YOU? Our Search for Identity Through Literature and The Arts)**

**16103**

**Ms. Becky Cooper**

**TR**

**4:00-5:50 p.m.**

**1020 LHC**

**4 credit hours**

This course explores the connection between your own growing creativity and the arts: literature, painting, sculpture, film, and music. We will approach all works through the lens of *identity*, investigating internal and external agents: femininity, masculinity, community, class, memory, language, immigration, history, race, and sexuality, to name a few. We will discuss the projects of the artists and authors we study and where our sense of identity intersects with theirs. We use an interdisciplinary format, moving back and forth from ancient to modern art in a fashion unlike most art history or humanities courses.

*Becky Cooper*, who holds an MFA in poetry, is an Instructor for the Lee Honors College.

### **HNRS 4100: Musical Theater in America**

**14565**

**Mr. Arthur Hilgart**

**T**

**6:30-9:00 p.m.**

**1030 LHC**

**3 credit hours**

The course objective is to provide an overview and history of this art form, with attention to its commercial basis on Broadway and its American socio-cultural context. The evolution of the form from vaudeville and operetta to classic musical comedy and then to contemporary musical theater has reflected the general culture and influenced it, and the contributions of Jerome Kern, the Gershwins, Stephen Sondheim, and others will long outlive the original productions of their shows.

Major headings include the structure of the form, a chronological perspective, economic factors, and most extensively, the lives and works of the major creators. The principal focus will be Broadway, but film musicals will also receive attention. Presentations will include extensive audio and visual illustrations.

Chicago-trained economist *Art Hilgart* produces the nationally syndicated public radio program *Broadway Revisited* and also teaches *World Cinema* at the LHC and jazz and musical theater history in the nontraditional program at Kalamazoo College. Among his publications are liner notes for Verve, Bethlehem, and Blue Note records and articles on music, economics, and culture in *The Nation*, *The Humanist*, *In These Times*, *Exquisite Corpse*, *The Journal of the International Association of Jazz Record Collectors*, and elsewhere.

**HNRS 4200: Women in Literature****14557****Ms. Alisha Siebers****TR****2:00-3:50 p.m.****1030 LHC****4 credit hours**

This course will focus on the fiction, poetry, and plays of women writing primarily in the twentieth century. We will study the works from various perspectives, analyzing their literary characteristics, considering them as expressions of a woman's voice and experience, and placing them in their cultural context. Our goal will be to study the variety and range of literature produced by women writers during this century and to assess the significance of these cultural contributions.

**NOTE:** This course is cross-listed with ENGL 4160: Women in Literature

**HNRS 4200: Russian Myths and Tales****13001****Dr. Dasha Nisula****TR****2:00-3:15 p.m.****2303 Kohrman****3 credit hours**

This course introduces the student to a wide selection of Russian fairy tales, and examines the aesthetic, social and psychological values that they reflect. Students will gain an understanding of the cultural influence fairy tales have in literature, music ballet, in painting and in film. Reading selections will be from Afanasiev's collection of Russian fairy tales.

*Dr. Dasha Nisula*, Professor of Russian, specializes in Slavic Languages and Literatures. She has taught a variety of literature courses, most recently courses on Dostoevsky, Tolstoy and Russian Short Fiction. At Western Michigan University she teaches Russian language, literature and culture.

**Note: This course is cross-listed with LANG 3530**

**HNRS 4200: Russian Civilization****14564****Dr. Dasha Nisula****MW****2:00-3:15 p.m.****3204 Dunbar****3 credit hours**

In this course the students will be introduced to Russian culture that occupies a unique position between the East and the West. The course will cover chronologically one thousand years of Russian cultural history, from Kievan Rus' to the present. The students will be expected to read selected material from the book and supplemented materials. There will be a midterm, a final and a paper due in the course. Students will be asked to attend Russian cultural programs for extra credit.

*Dr. Dasha Nisula*, Professor of Russian, specializes in Slavic Languages and Literatures. She has taught a variety of literature courses, most recently courses on Dostoevsky, Tolstoy and Russian Short Fiction. At Western Michigan University she teaches Russian language, literature and culture.

**NOTE:** This course is cross-listed with RUSS 3100

**HNRS 4200: Chinese Films—Visualizing China****12999****Dr. Xiaojun Wang****W****4:00-6:20 p.m.****1275 Schneider****3 credit hours**

This course will trace the history of Chinese cinema and the development of film culture from the silent era to the modern work, and the diversity of Chinese cinema that is often overshadowed by a misconception about Chinese homogeneity. It is a combination of lecture and seminar.

All films are subtitled in English and have been chosen for their compelling stories. No prior knowledge of Chinese language and culture is required. Course requirements include class discussion and debate, group presentation, two quizzes, and one paper.

*Dr. Xiaojun Wang* is a Professor in the Department of Foreign Languages and an expert in Chinese linguistics.

**NOTE:** This course is cross-listed with LANG 3750

**HNRS 4200: Romans on Film****12986****Dr. Rand Johnson****T****6:30-9:00 p.m.****2210 Dunbar****3 credit hours**

How have modern filmmakers used ancient Rome to comment on modern politics and society? The class will use a variety of approaches to film, that take into account the development of the script and the production. The course meets the baccalaureate level writing requirement.

**NOTE:** This course is cross-listed with LANG 3750

**HNRS 4200: Images of the West in Arabic Literature****14560****Mr. Mustafa Mughazy****TR****2:00-3:15 p.m.****2211 Kohrman****3 credit hours**

This course surveys contemporary Arabic literary works that deal with themes related to Western values and ideologies. The readings include short stories, plays, novels, and excerpts from travel literature that reflect the diversity of Arab cultures, ideologies, values, and attitudes towards the West. These views include fundamentalists' rejection of Western, modernization advocates' desire for assimilating into Western values by denouncing Arab traditions, and moderates' call for integration and modernization while maintaining Arab identity.

**NOTE:** This course is cross-listed with LANG 3750

**HNRS 4200: Modernism East & West****16070****Dr. Jeffrey Angles****Dr. Todd Kuchta****TR****9:30-10:45 a.m.****2212 Dunbar****3 credit hours**

This course will examine how modernists from both "the East" and "the West" influenced each other and, in the process, transformed twentieth-century literature. A variety of authors will be used. All material will be read in English.

**NOTE:** This course is cross-listed with LANG 3750/ ENGL 4100

## **HNRS 4500: The European Union**

**15725**

**Dr. Gunther Heg**

**TR**

**12:30-1:45 p.m.**

**2203 Dunbar**

**3 credit hours**

This course introduces students to the history, institutions, and policies of the European Union (EU). The main objective of this course is to enable students to analyze the emerging polity, politics, and policies of the European Union, describe their main characteristics, and make meaningful cross-national comparisons between the European Union, the United States, and other regions of the world.

*Dr. Günther Heg* is Associate Professor of Political Science at Western Michigan University in Kalamazoo, Michigan. He is a native of Germany and holds an undergraduate degree from the University of Tübingen. Dr. Heg received his Master's and Doctorate degrees from Washington University in St. Louis.

**NOTE: This course is cross-listed with PSCI 4400**

## **HNRS 4900: Risk Taking and Change 2\***

**15722**

**Dr. Richard Oxhandler**

**TR**

**3:30-4:45 p.m.**

**Shilling Lounge**

**3 credit hours**

Through discussion, reading, and direct experiences you will learn to see more clearly what is healthy for you and others, how to more effectively minimize or eliminate barriers to this healthy growth, and to more skillfully maximize how we go about risking for change which could be essential for living a life characterized by greater wisdom, compassion, courage, and love. This class, although not geared towards religion or spirituality, can be a helpful tool to more fully understand and appreciate your personal beliefs.

The highlight of the course will be a ten-day (Spring Break) trip to the Cumberland Mountains of Tennessee. Seven days of backpacking in the Big South Fork National River and Recreation Area will enable us to maximize the learning opportunities provided through outdoor adventure education; physical activity, intentional use of stress, small group activity and the immediate employment of newly acquired skills and knowledge. The course will be *demanding physically and emotionally* and persons going should be committed to their personal growth and the growth of others.

*Dr. Oxhandler*, Professor, University Counseling and Testing Center, has an ongoing interest in the processes of human physical, emotional, and spiritual growth and potential and how risk taking and shifts in consciousness relate to growth, productivity and happiness.

In addition to the cost of a three-credit class, a fee of \$225 is necessary to cover trip expenses.

**\*Pre-requisite** – HNRS 290 Risk Taking and Change, HNRS 290 Life, Love and the Really Big Issues, HNRS 490 Eastern Psychology or HNRS 490 The Warrior.

**HNRS 4900: Risk Taking and Change 3: Vision Quest**

14555

Dr. Richard Oxhandler

TR

3:30-4:45 p.m.

Shilling Lounge

3 credit hours

This course is designed for students who have completed Risk Taking and Change 2 and desire continued exploration of the issues of personal change.

**\*Pre-requisite – HNRS 290 Risk Taking and Change 2**

**HNRS 4900: The Warrior \***

15773

Dr. Richard Oxhandler

W

10:00 a.m. – 12:20 p.m.

Shilling Lounge

3 credit hours

This course will take a psycho-spiritual look at consciousness, especially the nature of Jungian archetypes. The warrior archetype is critical to understand as manifestation of this powerful archetype in unbalanced and distorted ways have caused untold suffering in the world and could threaten our very existence as a species. We will look at how this warrior archetype manifests in our life, that of other cultures and traditions and work to bring it into its true relationship to service and power.

*Dr. Oxhandler*, Professor, University Counseling and Testing Center, has an ongoing interest in the processes of human physical, emotional, and spiritual growth and potential and how risk taking and shifts in consciousness relate to growth, violence, productivity and happiness.

**\*Pre-requisite** – HNRS 290 Risk Taking and Change, HNRS 290 Life, Love and the Really Big Issues, or HNRS 490 Eastern Psychology.

**HNRS 4900: South Africa**

15730

Dr. Sushi Datta-Sandhu

MW

2:00-3:15 p.m.

1330 Schneider

3 credit hours

This seminar is designed to explore the process of political change in South Africa. The political transformation of South Africa from a repressive, white minority ruled state to an inclusive majority governed society will be examined.

*Dr. Sushi Datta Sandhu* is a Professor of Political Science and a Faculty Fellow in the Lee Honors College.

**NOTE:** This course is cross-listed with PSCI 4420

**HNRS 4900: Religion and the State**

16072

Dr. Steve Covell

W

2:00-4:30 p.m.

3209 Dunbar

3 credit hours

This seminar will explore the complex relationship between religion and state. Materials will focus primarily on the US and Japan but other examples will be used. Each week the question of religion and state will be examined from a new angle.

The course will be taught by *Dr. Stephen Covell*. Dr. Covell received his Ph.D. from Princeton in 2001 and now holds the Mary Meader Professorship of Comparative Religion at WMU and is the director of WMU's Soga Japan Center.

**NOTE:** This course is cross-listed with REL 4000

**HNRS 4900: Religion and Nature****16073****Ms. Cybelle Shattuck****M****2:00-4:30 p.m.****2203 Dunbar****4 credit hours**

This course will focus on the subject of religion and nature by looking at three themes: our deepest concerns; writings of the “ prophets”; and current environmental world views.

The goal of the course is to reach a deeper comprehension of the role religion has played in our past and the creation of our present. From this we can determine what resources it offers for our future—both personally and collectively.

**NOTE:** This course is cross-listed with REL 4000

**HNRS 4900: Sex, Love and Intimacy****15731****Dr. Joetta L. Carr****TR****4:00-5:15 p.m.****1030 LHC****3 credit****hours**

This course will explore topics related to sexuality, romantic love and intimacy in the 21st century. Designed to be relevant to students as they contemplate and embark upon relationships, students will gain a deeper understanding of male and female sexuality, obstacles to intimacy in relationships, gender roles in love and sex, and strategies for communicating about sex, emotions and conflict. In addition, this course will address sexual politics and sexual ethics, gender and the media, relationship violence, body image and self-esteem, and love in the age of AIDS.

*Dr. Carr* is an Associate Professor in the University Counseling & Testing Center where she does group and individual counseling with students and conducts research on issues related to college students.

**HNRS 4950: Independent Study****Ms. Sue Oole****1-3 credit hours**

For course registration, complete the Agreement Form available from the Lee Honors College web site and then turn into Sue Oole, Academic Advisor.

**HNRS 4990: Honors Thesis****Ms. Sue Oole****1-3 credit hours**

For course registration, complete the Agreement Form available from the Lee Honors College web site and then turn into Sue Oole, Academic Advisor.

**HOL 5300: Yoga to Enhance Learning****16056****Jennifer Mills****W****5:00-6:00 p.m.****1021 CHHS****1 credit hour**

**NOTE:** This is a one-credit course. Standing alone, it does not count toward your honors course requirements. Three HOL 5300 courses must be taken to receive Honors College course credit for one three-credit course.

**IMAG 1500: Introduction to Imaging****12699 (Lecture)****Ms. Lois Lemon****TR 8:00-9:15 p.m.****1610 McCracken****12733 (Discussion)****Ms. Lois Lemon****W 6:30-9:20 p.m.****0220 CEAS****4 credit hours**

An introductory course describing the print/ imaging industry, including image design, preparation, generation, photo imaging by photomechanical and desktop systems, proofing, presswork, and bindery. Learning environment enhanced by hands-on experience in these processes. Lecture is on the main campus, and lab sections are at the Parkview (College of Engineering) campus.

**LAW 3800: Legal Environment****15670****Mr. Carrick Craig****TR 5:00-6:15 p.m.****1160 Schneider****3 credit hours**

This is a junior level survey course of the American legal system designed to provide a broad overview of the American legal environment with an emphasis on business related law. The course covers the mechanisms of the legal system as well substantive areas of the law with particular attention paid to contract law, tort law, and employment law.

*Mr. Carrick Craig* is the Associate General Counsel at Western Michigan University. He holds a B.A. summa cum laude, from Adrian College, an M.A. from the University of Toledo, and a J.D. from Wayne State University School of Law.

**NUR 3220: Health Care Ethics****15763****Dr. Mary D. Lagerwey****M 6:00-8:50 p.m.****2060 CHHS****3 credit hours**

This course is a didactic course that introduces students to principles and issues underlying and surrounding health care ethics. Content includes basic ethical theories, values, moral development, moral reasoning, and day-to-day ethical concerns. These concerns include, but are not limited to genetics, end-of-life care and decision-making, moral reasoning, moral principles, research ethics, the interface between law and ethics, patient decision-making, rights, duties and obligations of the professional nurse and other health workers, professional codes and standards, and allocation of scarce resources.

This course will utilize case studies, interactive discussion, community-based projects, selected readings, media-assisted learning, and student and faculty-led seminars will be the primary methods used within the classroom.

*Pre-requisites:* Minimum of 45 credit hours completed.

*Placement:* Semester IV of Nursing Curriculum.

*Dr. Mary D. Lagerwey* is an Associate Professor in the Bronson School of Nursing.

**PHIL 4100: Professional Ethics****13557 (Lecture)****MW 4:00-4:50 p.m.****3502 Knaus****Dr. Mike Pritchard****3 credit hours****13559 (Discussion)****W 5:00-5:50 p.m.****1115 Moore**

This course is a philosophical examination of the foundations of ethics in the professions. The entire class will meet on Mondays and Wednesdays. This will be a lecture/ discussion format. On Fridays the Honors Section will meet with Prof. Pritchard for discussion.

Prof. Pritchard is co-director of WMU's Center for the Study of Ethics in Society. Currently he is completing a book on practical and professional ethics, parts of which will be presented to this class.

*Dr. Pritchard* is a Professor of Philosophy.

**PHIL 4700: Research Ethics****16281****Michael Pritchard & Victoria Janson****T 3:00-4:40 p.m.****Moore 2016****2 credit hours**

Topics include: Research involving human subjects, or participants; research integrity; misconduct in research (plagiarism, falsification & fabrication of data); intellectual property; authorship; collaborative research; conflicts of interest; mentoring; and the social responsibilities of researchers. There will be discussions of federal policies and guidelines regarding responsible research, WMU policies, and the underlying ethical basis for these policies and guidelines. There will be discussions of case studies, both real and fictional. Areas of interest include research in the natural and social sciences, education, engineering, medicine and health care, as well as all other disciplines in which research is conducted.

*Dr. Michael Pritchard* is a Professor of Philosophy; *Victoria Janson* is Research Compliance Coordinator, Office of the Vice President for Research.

**PHYS 4980: Flying Circus of Physics****15967****Dr. Michael Famiano****MW 2:00-3:15 p.m.****2202 Everett****3 credit hours**

The purpose of this course is to gain experience in the application of physics to fascinating everyday phenomena. We will use empirical physical descriptions and tools available to physicists to answer common (and some uncommon) questions about the natural world. Mathematical techniques and tools will also be covered including order-of-magnitude calculations, linearization of complex systems, Lagrangian mechanics, and numerical modeling to gain an understanding of sometimes complex physical systems. The course is based on the book by Jearl Walker.

*Dr. Michael Famiano* is an Assistant Professor of Physics.

**PSCI 3900: Field Work in Political Science \***  
**11545**

**Dr. David Houghton**  
**1-4 credit hours**

This program is based in Lansing every Tuesday and Thursday during the Spring Semester. Transportation is provided in two University mini-vans with fourteen interns participating. The Director of the Program, Dr. David Houghton, Department of Political Science has placed more than 550 Interns in various Internships over a period of more than twenty years.

To explore the possibilities that can be yours with an Internship, Lee Honors students need to contact the Department of Political Science and arrange an appointment with Dr. Houghton. Such contact needs to be made before Spring registration begins. Preference is given to Juniors and Seniors but Freshmen and Sophomores can also apply. When Dr. Houghton meets with a prospective Intern such items as coursework, major, career options, and various interests are discussed to pinpoint the most appropriate Internship. Students usually interview in Lansing with two or more offices and the students make all final decisions on where they will Intern. All interviews are set up by Dr. Houghton. If an appropriate Internship is not identified in the first set of interviews, Dr. Houghton will arrange additional ones on another day. Four short papers and a final paper are required for this course. All are based on the Intern's experiences.

*Dr. Houghton*, Professor of Political Science, has research interests in local government. He is the Director of the Undergraduate Internship Programs in Political Science where he has placed Interns since 1978.

**\*\*Please call the Political Science Office at 387-5638 and ask for Ms. Barb Dekoekkoek. She will give you a list of available interview times from which you can select a time to meet with Dr. Houghton.\*\***

**PSCI 3910: Internship Seminar**  
**11556**

**Dr. David Houghton**  
**3 credit hours**

**M**                      **4:00-6:20 p.m.**                      **3207 Dunbar**

This seminar must be taken along with PSCI 390 (Field Work in Political Science). The purpose of the Seminar is to discuss the Internship experiences of the class members. To do this, a series of four or five panel discussions are arranged in which Interns who are doing somewhat similar field work make joint presentations. The discussion format is partially structured on a series of questions developed by Dr. Houghton which each panel member is given a week before the panel presentation. These panels have proven over time to be an excellent way for students to see inside other governmental offices and to more fully understand the culture of these offices.

**\*Students must register for both PSCI 390 and PSCI 391 after having consulted with the instructor.**

*Dr. Houghton*, Professor of Political Science, has research interests in local government. He is the Director of the Undergraduate Internship Programs in Political Science where he has placed Interns since 1978.

**PSY 1000: General Psychology**

**11397**

**Dr. Richard Malott**

**TR**

**4:00-5:50 p.m.**

**3210 Dunbar**

**3 credit hours**

This course is a general introduction to the study of behavior. Students will develop an understanding of behavior by applying the concepts and principles covered in the course materials to a variety of situations in the lives of themselves and people in general. Students will participate in class discussion, complete relevant conceptual worksheets, and take regular/ daily unit exams.

*Dr. Richard Malott*, Professor of Psychology, has worked closely with the Lee Honors College to design a general psychology course with a lab component. He has successfully mentored numbers of psychology majors through the thesis design and codification process.

**NOTE:** Students must register for both PSY 1000 and PSY 3980.

**PSY 3980: Rat Lab (Lab Fee: \$24)**

**11396**

**Dr. Richard Malott**

**MW**

**10:00-11:50 a.m.**

**2010 Haenicke**

**1 credit hour**

This course is designed to be taken in conjunction with PSY 1000: General Psychology. It provides students with a critical opportunity to be actively involved in a demonstration of the principles of behavior. Each student will use those principles learned in PSY 1000 to shape and condition the behavior of a white rat (later to become a close friend).

**Students must register for both PSY 1000 and PSY 3980.**

*Dr. Richard Malott*, Professor of Psychology, has worked closely with the Lee Honors College to design a general psychology course with a lab component. He has successfully mentored numbers of psychology majors through the thesis design and codification process.

**SPPA 2000: Introduction to Communication Disorders and Sciences**

**15063**

**Dr. Helen Sharp**

**MW**

**4:00-5:20 p.m.**

**1093 CHHS**

**3 credit hours**

**HNRS 2900: (Honors Discussion)**

**16355**

**W**

**3:00-3:50 p.m.**

**1093 CHHS**

**1 credit hour**

This introductory course provides a broad overview of the acoustic, anatomic, biologic, emotional, linguistic, psychological, and psychosocial bases of human communication and the ways in which communication may be disordered. The impact of scientific investigation, technology, education, economics, health and (re)habilitation on communication disorders will be addressed. Individual and societal variables related to communication and its disorders, the challenges of medical and technological advancements and the quantitative tools used in assessment and rehabilitation will be stressed. Students registered in the honors section of this course will participate in a discussion section one hour each week. The discussion section will include guided small group discussion, opportunities for hands-on laboratory experiences, and clinical observation.

*Dr. Helen Sharp* is an Associate Professor of Speech Pathology & Audiology.