



This 2 -2 st tist i-  
sit t i s th h i ti t  
i i st i s t Th t -  
t i s i i s s th i s i i-  
si s th i sit Th s st  
sti s i ht t i ti s i  
th s s i i s i ti s h  
s i sit h t t ssist  
i i th s ish t

th shi si t t  
th T st s i sit is i i i  
th thi s st ts t  
s i s i  
it tt th ts t sh -  
shi t isit th sit t  
htt // hb /t i st t

th T pi s hi h i th 2 isi i sit s i  
st ith s st sti t th st h t it th i sit  
Th i sit s t st t hi h i ti t t th  
i t t s i it s st ts s i sit th  
t ths th h isti ith is t t th h th h t  
t st h s t st th i ssi s -  
i ith st ts t hi th i iti th t sh i th i  
s h ts This is i i ti th i i ti t st ts th i  
th si s s i h s st s t ssist  
i i th th hi t s

t i s ith i st t - is i i ti s s  
th i i h it is i i ti th sis ti it  
s i s is i it i ith t th isi  
sh i i s i this ti th i ti th s h i  
t th i t s s

.....

i ti ss i ti

# TABLE OF CONTENTS

Letter from the Provost / 1  
Memberships / 2  
Academic Calendar, 2008-2009 / 8

## **General Information**

Accreditation / 12  
History / 12  
Vision, Mission and Purpose / 17  
Nature of the Institution / 17  
The Christian Liberal Arts Program / 18  
The Campus Plan / 18

## **Student Life**

Baugh Center / 20  
Campus Living / 20  
Campus Recreation / 20  
Counseling Center / 20  
Freshman Year Experience / 20  
Spiritual Life / 21  
    Community Life and Worship / 21  
    Student Ministries / 22  
    ACTS (Community Service and Missions) / 22  
Campus Activities / 22  
    Student Programming Board / 22  
    Corner Pawket / 22  
Student Center – M. D. Anderson / 22  
Student Clubs and Organizations / 23  
    Greek Life / 24  
Student Conduct / 24  
    Classroom Civility / 25  
Student Government / 25  
Student Health Insurance / 25  
Student Health Services / 26  
Student Leadership / 26  
Wellness Center / 26

## **Admissions**

University Admissions / 28  
Undergraduate Admissions / 28  
    Freshman Student Admission / 28  
    Transfer Student Admission / 29  
    Post-Baccalaureate Student Admission / 29  
    Audit Admission / 30  
    Non-Degree Undergraduate Student Admission / 30  
    Senior Citizens / 31  
    Re-Entry Admission / 31  
    Returning Students / 31  
    Transient Student Admission / 31  
    Concurrent Enrollment / 32

issi            itt    i            / z<sup>2</sup>  
 iti            issi   / z<sup>2</sup>  
 iti            i            t i s / z<sup>2</sup>  
 t            issi   / z<sup>2</sup>  
   /            st            ts i h isti            s i / z  
 T            st            ts i s h            / z t i s / z  
   /            st            ts i Th i            / z t i s / z  
   /            st            ti            / z  
   /            st            ts / z  
   /            st            si ss i ist ti            / z  
 -            /            st            i            i            s            s            t / z  
 -            T            st            i            i            t / z  
 t    ti    t    t    issi   / z

T iti    s<sup>2</sup>   -2   /  
 t            ts /  
 i   /  
 i   i /  
 s            i            i            ssist   /  
 t    t    i    tis   t    ss /  
           t t s /  
 t    i    t    h            / 2  
           h    shi s            s            ts / 2  
 i    t s / 2  
 h    h    T    i    i    i / 2  
   t            ts  
 ts / 2  
 i            titi    ss    t / 2  
 ti            T            t / z  
 T iti            i    ti            ts T            th    t t            ts / z  
 T s            t            / z            ssist            t    shi            / z  
   i            ti            / z            ssist            t    it            t            / z  
   t            ti            / z            ssist            t            / z  
   t            i            ti            ssist            t            / z

s  
 t            si i            s            t            ts / z            s            t            t            s  
 t            s si i            i            t s z            s            t            T            s  
 t            s            i            t s z            s            s            T            s

s h shi T s s /  
hi Th t h shi /  
i ist i ts t /  
ts- - i /  
h h t hi /  
t i i s ti i /  
t i i /

i isi /  
i t t /  
ti h stit t issi Th /  
t i i ist s /  
t ti /  
st ti T isi /  
st ti i i s /  
thy ssi s /  
s s /  
h isi T /  
/ 2  
t t / 2

— —

i is i it ti /  
s /  
i it i it /  
- s s s /  
ss- i s s /  
ist ti /  
t s s /  
si i t t /  
T ss- t / 2  
/ 2  
/ 2  
i / 2  
h sti t i / z s /  
st /  
i i s /  
ith t i s /  
t t i t ti /  
t t s s i it /  
T s i ts /  
T s T si i i s /  
T s s s /  
T s i t ti /  
T si t t /  
t ti t s s /  
t i st it i ts /  
t T s it /  
ith s s /  
ith i sit t /  
ss i t /  
t s /  
i ts /  
i i i s / 2  
ith i ts /  
s s t i ti s /  
h ts /  
h si ss i ist ti /  
h t i s /  
h si /  
h i i si /  
h i /  
t i i s /  
i s ith is i ti s t /  
t i /  
t i ti /  
t /  
t i st i ts /  
t ts





# 2008-2009 UNIVERSITY CALENDAR

st 22 2            ist ti  
 st 2 -2 2        ist ti /            t iti    i s    t  
 st 2            ss s    i  
 t            s s    t /    st    t    ith    t  
 t            i -T            s  
 t            st    t    t            -            -            ss s  
 t            i    it            h    sis  
 t            st    t    t            ith  
 z            isi  
 z            i    it            ist    ti            i            st  
 z-2            st    t    t            -            -            ss s  
 2            Th    s    i    i            i  
 2 -2            st            ss  
            i            s            t            ss s  
            i            /    t            ssi  
 - 2            i            s --    i    t    s            s    Th    s    t  
 2            t  
 z            t  
                  s

ist ti  
 2- 2            ist ti /            t iti    i s    t  
 2            ss s    i  
                  ti    th    i            i  
 2            s s    t /    st    t    ith    t  
 2-2            i -T            s  
 2            st    t    t            -            -            ss s  
 h            i  
 h 2            st    t    t            ith  
 h            isi  
 i            i    it            ist    ti            /  
 i            ssi            ti    s  
 i - 2            st    i  
 i 2            st    t    t            -            -            ss s  
                  st            ss  
 2            i            s            t            ss s  
                  i            /    t            ssi  
 -            i            s --    i    t    s            s    Th    s    t  
                  t  
                  i            t  
                  s





# GENERAL INFORMATION

it ti  
ist

s s  
t t i ti  
t s  
h si t  
t s  
shi  
isi issi s  
t th stit ti  
Th ts  
Th s

# GENERAL INFORMATION

## CHARACTERISTICS

is it th issi s th th ss i ti  
s h s th t i zz t -  
h s h t th ss i t h zz st  
s t s h s shi i th i ss i ti s  
T h ti th ss i ti T s s i siti s is  
th T s t t t ti i ti th -  
ti t h s t s s h s th th -  
t t s ts t s i si  
it th ti si it ti issi  
th T s si Th si ss -  
i sis ti it th ss i ti i t si ss h s  
s Th st ts is it th ss -  
i ti t t i s s

st tist s t ti th tist ti  
T s i ti s st Th  
i th s s th st ish t h isti th  
hi h st i th it st th t st ss it i s s it  
i

2 th i tist ss i ti th i itt t st th s-  
s i it ti tist i st ith th ssist -  
t th ti issi th tist ti T s  
th itt t s i ti i ti t i  
ith th s t th ti issi th ss i ti  
th t st ish i th ti th st  
tist ti T s ti th t st  
tists i ss th t th ti s t s h  
h th itt th i tist ss i ti h s i  
i i th s tis t sit s t st h s  
(2 i i s t st th i i s this s  
-h i i s stit t s t  
-h i i s si t h si t Th i -  
tist ss i ti t th s iti s s th i ts s t  
th st t tist ti

ss i ti z s i i sit t st th Th  
ith th s t T t th i t t - i si ss  
si s s t s s h Th  
s sit s s i i s th st st i  
th i iti i i i th s h s s t  
i th h h s

th  
T s  
T s  
t th i st`  
t

ti T s i its s ssi t  
T st s This i s ssi i st  
si th h t Th t

st tist i i st tist i sit  
z i ti s -st th th ss i ti -  
s h s th T st si 2 t  
th s ti s is i th h i  
ti i t t s Th i st ti i isi s t  
i i t its  
i sh s th i sst t i ht i isi s  
Th st t sist th ith t i s  
- s th si ss i s th  
ti h i i s th i ts iti s  
th i th ssi s si th s t i  
s th ti th i ts th iti s Th  
s th s t i s ti th si th  
s i th ti s ts iti s  
s i i th i s s t s 2 th s  
s ss s i th t i 2 th t s  
hi s h s s i it st s t  
i ti i t i s  
h th i st ti s i i th i sit t  
s st th t itt ti issi z t iti s  
st h s t i s th st it it issi s  
s s s st ish hi h st ts t s hi h s h i -  
s t th th sh t i ti Th s st -  
s s i th t i ist ti i 2 - th isi  
s t t t th s st i 2

t st i s i ith th i iti ti th st si ss  
i ist ti th st i i si s t st i s

Th th is s st t i -  
Th tt Th ty s t i s it t st th s  
i i s th i t i T hi Th t i  
ti i th i s it st t th s t i-  
sit h s th i sit t t th i s Th  
t i i s t i s i t t th st -  
tist Th i i th i z sit i z iti t  
th st s t th t s th z s -  
ti th i sit t its th ss i t i si  
t ts t h si i th si t th ss  
sti s t s t i s t th  
i t i its i s i i sit th i -  
sit s s hit t ti ts th i t t  
Th is s h s s th s si ss -  
i s ti h i i s s s th i t -  
i iti s th i sit s h i i i  
s i th st ti i s  
i i is i th it t t s s t t s  
i s i t t t th i sit si h s Th  
th ti th h t i h s  
h h th th s s s i ti s i st si-  
ti -s t i iti s th th i -  
ss t th s i i ss t st t th t s  
i iti s th i sit s st ts s iti t th  
s si s st t i 2 i 2 z th i-  
T hi Th t th ss t h i z th i-  
it s i th i it this 2 th t -



th h is h i is th s i t -  
ss shi s i th ¢ ss shi i th si-  
ss is th ¢ i - h ¢ ss shi h isti si ss  
thi s Th h s h ¢ ti th ¢ -  
ss shi i si i ss shi i i i s-  
i i 2 2 th st t it ¢ h  
sist ¢ h is th it ¢ h is ¢ h i si

s isi its s stit ts is i i t ti  
t it i sit th t h si sth i t ti ith i  
st its ti s isi t *T e Ten<sup>2</sup>i ars*  
ait an eason in a reat it th i sit s sit t  
h /h /T s i s s i s s s

st tist i sit is h isti ts i stit ti th t s  
st ts i i s s i t t th s th

Th i sit s t s its s st th s h sti -  
i Th t st i ist ti itt t -  
i i s si i t t sti ti i t th t  
st s s i it t it st th h t i t s st h  
ti s s i i  
s ssi h i s s h t isti s i -  
i s i t t th it  
ts th h i s th it s i t  
i s ith t th st t t

Th i sit s s i s itt t  
ts ti th t si t t th th h s Th  
t s i i i st ts ith th i i i s -  
t i i ts i s st s sth ti s ti s th t t  
th th i Th t s i ti  
t itit st thi s h s titi s h  
t t t th i i i s i s t s i t Th i t ti s h -  
shi s i s i it it ss ti t ts ti is t i  
i i t i i

Th i sit s i s t ts i iti s t ts  
s ti t i ti s ss si ti h isti -  
s Th i sit s its t st t th i th  
t t - i st t t s st t ss shi s  
t titi i s i t

Th i sit t st i ist t s t i s h shi  
ti s i Th s s itt t th t  
th - s t th i t th issi th i sit

Th t th i sit - s s st t s s th isti -  
ti t th i stit ti  
is h isti ts i sit i t t th t  
h t th i h t s i it i s th t ti th i  
h isti i s th i ith th i -  
ti th t th is i sit i this it th t i t i th  
i s th h t i h th s i it i s  
h ithi th it its i sh st s it ss



# STUDENT LIFE

h t  
s i i  
s ti  
s i t  
sh i ( )  
i it i  
it i shi ( ) ti i t  
it i shi ) t iti s  
t t i ist i s  
T ( it i issi s )  
s ti iti s  
t t i  
t t t s  
t t s i ti s  
i  
t t t  
ss i i it  
t t t  
t t th s  
t t th i s  
t t shi  
ss t

# STUDENT LIFE

---

ssi s s i s i s st ts i tt  
 ssisth i i ti ti t i thi -  
 i s ith th s ti ht ss is i st th h  
 it s s h s s i s sh s is ssi s -  
 i si i i i - it it s i sh t-  
 t i sis s i s h - ti ss ss t i t  
 st ts h h i th h i is i it

This i ss i si i sh ith i st tt h-  
 i s st t i st ssi i t th i t i i t th i sit  
 iti t h i st ts is s th i st ths th s s  
 s s h i i i i s ti shi s t ith s-  
 s s st i it t i t ti i s h s th  
 t ti i s ss i s st ts ith t  
 iti ti thi i s i s i it s i s  
 i t s i it is

i it i s st st h isti it i shi i it ti

i ti t th it i shi is  
i i th HBU Student Handbook th o unit ife an \_ors i  
i sti s t th i t t th i it  
i i th t t is i i it i t t i ist i s  
T i s t th s th s t t  
t Th i it i st i sth i t i it i / i -  
sit h i th i t t t i ist i s th i t issi s  
it i i ist ti s t st

t t i ist i s s t i t iti s st ts t s s  
th t i t i ti i ts i i  
ith Th i ist shi i is th i hi  
th h hi h this t s i s st ts th t it t

i sit t is th i sit st i -s i ti  
th i th s it t ti iit i  
t t th i s i s t th s t ti st  
s i t ssist i t st ts ith th i s i -  
i st it s s

i t st t s i ti s st ts t  
ith th s ti t s t i i  
th s it t i s i h -  
ssi s i s i s i i t st s i ti t  
st t s i ti s t t t t i 2 - z



hi si (i si )  
 hi si  
 hi  
 - t t ssi i t  
 si hi s h  
 i T t ish  
 i Th t T si  
 i hi  
 i t h si s t ts  
 th si t t ss i ti  
 t t ti  
 t t t ss i ti  
 t t i  
 t ts i t is  
 T s si t s  
 i t s t t ss i ti  
 i i ti s

Th it is t t s  
 itti t i s s h shi it h s s -  
 shi t iti s st ts i ithi h i ti s -  
 s t it t s i st t i s i th  
 i i ti ith t it /s it is s t i i ti shi s  
 Th hs i hi th i ti it t h t s -

t i t i s i t t h s s i t i s i t  
t t i

Th s t t th i s i s t t th ss th  
 s i t i s i t st ts h t  
 i i h s st ish Th t h th  
 i i is 2 - z t 22 z tt i i ti h si i s -  
 ts th i i Th i i is z t th th s  
 t t t i th t t i i s i t i i is ss ss  
 s i s

t ts t t t e o e of infuen e , e o e of infu-  
 en e th s h th h th i i ti s it ts ttit s  
 ti ss t tt th i st s th s t t shi t  
 s i t i ss st sts th s i s -  
 it shi s i i i s tti s th  
 i t t shi s i i si i t t  
 ti iti s t t s ti i t t s  
 i ti s i it i shi t t i ti s is-  
 si s i sit ts s Th h t t shi st -  
 tsh t iti st i s i s t i t ts t s th s  
 t tt st h is i th t

Th i - ss t is i t t s i st ts  
 i i t i iti s s t iti s th t t t t  
 ss shi t th ss t is is t st ts  
 t t ts si this ti it i ist -  
 ti

# ADMISSIONS

1. The first step in the admission process is to apply for an interview. This is done by filling out an application form and sending it to the admissions office. The application form should be completed as accurately as possible, and all required documents should be attached. The admissions office will then review the application and invite the applicant for an interview. The interview is a chance for the applicant to discuss their interests and qualifications with the admissions officer. The admissions officer will also ask the applicant about their reasons for wanting to study at the university and their career aspirations. The interview is an important part of the admission process, and it is a chance for the applicant to show their personality and enthusiasm for the university. The admissions officer will also ask the applicant about their academic achievements and their plans for the future. The applicant should be prepared to discuss their academic achievements in detail and to explain how they have achieved them. The admissions officer will also ask the applicant about their plans for the future, including their career aspirations and their plans for continuing education. The applicant should be prepared to discuss their plans in detail and to explain how they plan to achieve them. The admissions officer will then make a decision on whether to offer the applicant a place on the course. The applicant will be notified of the decision by the admissions office. If the applicant is offered a place, they will need to accept the offer and pay a deposit to secure their place. The admissions office will also provide the applicant with information about the course and the university, including the curriculum, the facilities, and the student support services. The applicant should read this information carefully and make sure they understand all the details of the course and the university. The admissions process is a competitive one, and it is important for the applicant to be well-prepared for the interview. The applicant should research the university and the course thoroughly and be able to discuss their interests and qualifications in detail. The applicant should also be prepared to answer questions about their academic achievements and their plans for the future. The admissions officer will be looking for a student who is motivated, enthusiastic, and capable of achieving their goals. The admissions process is a chance for the applicant to show their potential and to secure a place on the course. The applicant should take the time to prepare for the interview and to make a good impression on the admissions officer. The admissions officer will be looking for a student who is ready to start their university journey and who is committed to their studies. The admissions process is a key part of the university's recruitment strategy, and it is important for the university to attract the best possible students. The admissions officer will be looking for a student who is academically strong, motivated, and capable of achieving their goals. The admissions process is a chance for the applicant to show their potential and to secure a place on the course. The applicant should take the time to prepare for the interview and to make a good impression on the admissions officer. The admissions officer will be looking for a student who is ready to start their university journey and who is committed to their studies.

2. The second step is to attend the interview.

3. The third step is to receive an offer of a place.

# UNIVERSITY ADMISSIONS

---

Th i issi s ts i ti s st ts is-  
si t Th issi s i ssists s ti st ts ith issi  
i i s s s isits i t i s i iti i i i -  
ti ti i issi t th i sit ss  
s issi t ti th issi s i  
2 T st T s -2 Th t h is 2  
-2 i is' issi s h tsi st t -  
is i - - -2 t issi s  
t i ts sh t t th t i t

## Undergraduate Admissions

i i t s i ts s ts st i i t t th  
hi h s h t st t iti ts h i  
i s th i stit ti

T si sh issi st t st h t  
hi h s h th th t i st t h s t  
ss s hi i hi h s h th st t is sti si  
sh i t



h    it            i    t            i    t            t            t            s            s

       t            t            it            st            t            s            s

issi s t h th h t s  
 si s i ti s i st  
 2 i i t s i t i it s i siti s  
 tt st s t i t th t th issi s i  
 ht is hi t i i s t i i iti  
 issi s isi Th issi s i s s th i ht t st  
 iti i s/ s th st ti th t th t th s itt -  
 ts i si i ti i t i this i i -  
 ti s i siti s i s ti i ist ti  
 ith th i sit Th ti i t  
 t s st ts sh t st 2 st t st - issi  
 t i s tt s h s i i i i t s i t ti s  
 t t st th s i i itt t th i sit  
 s s s ith ti t s i s h



t si tst t i st ti t h sh st t  
th t s s s ti T s t t issi  
b issi

i ti issi stb t t th -  
t issi s i i s b issi i ti is  
st i si s i ti b  
issi s b t h th t s  
si s i ti s i st

2 t s i t tt t i i i t s i t t-  
t t i stb s t i t th st t tt  
i stit ti t th issi s i h t i s hi t i-  
i s t i i iti issi s isi Th is-  
si s i s s th i ht t st iti i s/ s th  
st ti th t th t th s b itt ts i b si i -  
ti i t i this i i ti s  
i siti s i s ti s s si th i sit

t ts t i th i sit h i t st i  
ti hi h s h sh s t th i sts -  
t ti t th ist s i si ti

h th it i t t th issi s i si i-  
ts t ts ishi t b si issi b th issi s  
i t s b it th i s t t i s  
st t t i t 2 s ssi th i ts s  
st ti h tt i i h th i t hi th s  
s

b T (2) tt s ti i i t st t h  
s) th i i i Th s tt s t  
i b s

t is th t th s s t t i s b i i th issi s  
i b si ti

**conditional admits.**

t st t h s b itt t th i ti s stb s b-  
itt b ist ti h th (2) h si sts

# Graduate Admissions

st ts i h isti s i  
st ts i s h  
T st ts i Th i t i s  
st si ss i ist ti  
st ti  
st ts  
- T st i i s s t  
- T st i i t  
Th i sit s i h i t s st ts i h is-  
ti s i st ts i s h st ts i  
Th i t i s T st ti st ts  
st si ss i ist ti st i i  
s s t - th st i i t  
- T i ts t s st s it th i -  
ti s  
Th s ti st t sts issi t s ii t -  
i t s t st i s T s T i st h

sh            i t i th si i st Th tt s            ti  
              ss th t ti th st t t            t            -  
ti            s i t i th st t th            i t i            -  
              ti t            issi s            itt ithi th            i t  
Th            t            itt            th t th st            t i-

Th i sit ist ith th ti th i t  
i t s t s its s i t s t  
h t ithi t i i s  
t si it i t

i i iti issi i ts s s  
ith t z tt s t st is i  
th bi z tit ti ti s th ith  
t z t z s st is i th bi  
t z tit ti z ti s th ith t  
tit ti z ti s th i i s t st th  
s ti th is i i ts ss ss tit t  
i ith th t t h i / s h t is i Th  
tt s ti ti i tt th i ts st is  
i i i t s th t i s h  
i i it th s i i st h  
t ithi th z z z s s zzz) st h

ith t z tt s t st is i  
th bi z tit ti ti s th ith  
t z t z s st is i th bi  
t z tit ti z ti s th ith t  
tit ti z ti s th i i s t st th  
s ti th is i i ts i t i ith th  
t t h i / s h t is i Th tt s  
ti i i t s th t  
i s h i i it th s i i  
s s i z z z s s zzz) st h  
t ithi th i s s z z z

it i stit ti is i i i  
s th is i i ts h h st s i  
i t s i st s t i t t th  
i issi t s i s th i ts i s  
i i t i ith th i t s  
ti s s i th i ti ss  
ith t hi h z th st s st h s  
t is i s s s hi h is  
i s t s ti Th T st  
st h t ithi th st i s s s st s  
itt issi Th st t h s s  
bi tit ti th t si h s s  
i s isi itt st t th st th s t  
st z th si h s th st t t  
issi th is z th st t t

ti s ss s is s t th t ts s  
p i t issi s ti i ts sts p it s

... - - t ts i issi t t -  
 si si ssi t st i - T -  
 i t i ti i st t s t  
 i t / t ts s itti t i ti i  
 i t th i it i ti t th sit i t  
 ti i ti ist ti i i ti s i i t Th  
 i i ti i ist s i t th st t th t  
 i ti t i s i this t t ti st ts  
 t i t i ssi s i t th i i th t

## International Student Admissions

i t ti st tis i s st t ti t tt th i -  
 sit h s th th ssi ti it t t s iti t  
 si t st t s s i th i ti t i ti i  
 i i i si i ti st t s t i s h th th st t st tt  
 -ti t i i ti t ti th i  
 t ti t t i s t<sup>2</sup> -<sup>2</sup> t<sup>2</sup> -<sup>2</sup> - i t  
o o b a b u e u ts s i i t issi si -  
 ti ss s shi ts  
 i ti issi st t t th i t  
 issi s t t issi s i t is-  
 si s i i s issi i ti is st  
 i si s i ti issi s  
 th h th T s i ti si s i ti  
 s i st  
 2 i i t s i t s i t sh i ti s  
 s h its i t t i ts i i t s i t  
 sh i i it i sit st  
 s i t t issi s s s i i i s t s i t s  
 h st-s i stit ti tt t  
 i t h h s tt i sit tsi th it t t s  
 st h his h t s i t s t i i t s / i s t s t i t  
 ish t i t s t th s t t i sit s -  
 i s - s ti i t ti  
 th ti st s t i t t th ti s -  
 i s ti s i s i th i sit  
 issi s i Th t s i t st tsh h i -  
 i i t 2 s t  
 t st t i t st t th i i i t i ts  
 th s i i t  
 z s t th t ti issi s th sit  
 t i i ti i ts  
 i i i ts sth t t th i t t i t -  
 st s s t issi s

ff. 100. ff. 100. ff. 100. ff. 100. ff. 100.

i i s t t ti st ts sts it t ti i i

t i i i it ith it ss ti i th si t th -  
s i i th s t Th t s t th t sh itt  
th i i i it si s is z z th ts i  
t t th ith st t iti z z s  
t th z z it th t i i th  
ti i th t th s i i th s t





# FINANCIAL SERVICES

---

is it ti i stit ti i s t ti s th  
tist ti T s tist h h s i ts th  
si ss it i ts i t st i i i s ti s  
Th t iti s i th t st t i t  
it t th i st ti ti sts th i sit Th h

# REFUND POLICY

The institution's policy is that the student must  
submit the request for a refund within 30 days of the  
start of the semester. The student must provide a  
written explanation of the reason for the request.  
The institution will consider the request on a case-by-case  
basis. The student must provide documentation to support  
the request. The institution will determine the amount of  
the refund based on the student's enrollment status and  
the amount of time that has elapsed since the start of  
the semester.

# FINANCIAL AID

The institution's financial aid policy is that the student  
must maintain a minimum GPA of 2.0 to remain eligible  
for financial aid. The student must also maintain a  
minimum number of credits per semester. The institution  
will review the student's academic progress each semester.  
If the student's GPA falls below the minimum, the student  
will be placed on financial aid probation. If the student's  
GPA remains below the minimum for two consecutive  
semesters, the student will be suspended from financial  
aid. The institution will determine the amount of financial  
aid based on the student's financial need and the amount  
of financial aid available.

i t i t h t s s i t h s t t i s i h i -

14

t                    t    ts h h    hi    thi            th    st t s  
Th s            i its            i t i t th i    i i                    t  
                  i    s si i            t is 2<sub>z</sub>            t s  
                  t            ssi    st    i            ts  
t st    t    i i ts    sts    it th    i ti    s  
t    t i  
ff . . . . . f . . . . .

# EMPLOYMENT

shi is i t i s st s is t i s -

s i ti T/ T s i ss

s i ti T/ T s i ss

s i ti T/ T s i ss

2 T T z z z z z z T T

This is i ti t it

i ti t s i t

i ti i t

z z ti i t

s i st i ithy hi Th t s t s st tt

i it ts i t hi i  
th tist i ist s s h issi i s i ti t t i ist s issi

... f ...  
i is i t tist t i ist i st ts th s  
st ts i t t s h h- t ssi Th i  
is h i i s ti th -  
t i i ist s i s  
s ti i ti s st i i th t th st -  
tis ti i h h th t t s ith th tist ti  
T s ss \_ s \_ i



/ i i s

# ACADEMIC RESOURCES

i isi  
i s t  
t i i ist s  
t ti  
st ti T isi  
st ti i i s  
s s  
th ssi s  
h isi T  
t t t t

# ACADEMIC RESOURCES

---

t th ti st tis t t t i is (s is s  
ssi Th t is (s ssists st ts ith ti -  
i is ss s i s ) ss s i s h s ith s s ti  
t ts s th i is (s t ti i th s st h -  
i s s i sit t s st ts s is s t  
is ss s s ti th i s st (s) isi s t  
s i t h i it ist ti . . . is ( )  
i t isi s h t st ts ist i )  
th ts st i f t i it is-  
t ti s st ts th t it t h th i s h s ith t  
i / (s h t ts h th i s h  
s ss i this ti  
t ts h tt th i sti t i s i t st h th i  
s t ti sh t t th st th ss  
isi t ssist

t ts s s th i t t ( s i s t  
tt s i s s it i t th st ts  
ti - - iti i st ti ti i ti t s i  
h ith isi i s i s i i st ti s -  
t ti s i s hi i ti h si i s i s

Th i s t i T i s i s s t t i i

st ts

t t th i sit - is

# ACADEMIC POLICIES AND PROCEDURES

i i s itt  
i t it  
i  
i i  
i i ti  
i s si  
i ist ti ith t t  
i s ith is i iti s t  
i ti  
tt i ts  
h i ti s  
ssi i ti t t ts  
t t  
s s  
s i it Ti i it ti s  
it i ti  
ss- ist s s  
s ist  
s ith isti ti  
i i ti i hts i t  
i i ti s  
ss  
t i  
ts i s h  
t shi s  
i is i it ti  
s  
i it i it  
- s s s  
ss- i s s  
ist ti  
t s s  
si i t t  
T ss- ty  
h sti t i t s  
st  
i i s  
ith t i s  
i it i  
t t i t ti  
t t s i it  
T s i ts  
T s T si ty i i s  
T s s s  
T s i t ti  
T si t t  
t ti t s s  
t i st i ts  
t T s it  
ith s s  
ith i sit t



t th i i h t st ts i s t t t  
h th i t it  
i i t it is t st ts This sth t i  
s itt st ts isth tst ts t th  
th s This i s s st t st it s itt ssi ts s -  
t ti s t i ish st s h s h ti s itt  
s t ti s s ssi ts i t sth h t th t  
th i sit s h isti ts stit ti t is th s i -  
it st ts t st t st t i i t it  
Th th i t it s s s is t h th  
i t it t st tist i sit i tt -  
t its i ti i th s  
i s t i ish st s i ti th h t th  
t th i sit s ss i this i ish st s  
h st ts its th s s his h  
st th ss i i ti s i ti it th t is t i -  
t th st ts i th s ti it  
t is th s i it th t i i ist ti i  
t st ish h th i ish st h s Th t -  
i i h th t ssi th s i i t  
i sh th s i th s ss i ti Th t  
sh t th i i tt th th s h i ti s



it th s ti t i t -  
h s th i i th th t s th i i-  
-ti t is t ( 2 ) t s st h s

t ts h

i y ti i ti th t ti i

♣ s s t ts sts -i ti i t( i t th  
i ts s ii is iiti s t ti th i is iiti s t th  
ti s i s st i t) ts ith th i t is iiti s i s  
sh ♣ sh s s s♣ h s st s th t ss -  
ti s ♣

f . . .  
h st t st i i ti ti t st t (2 s st s  
♣ th t ti is t i th ist s i Th ) i ti  
ti i i th s it sh th i th t  
th is t th i s i t st t ♣ t s t  
th i ts

t st t h sth i sit t tt t -  
ssi s h t hi h h sh h s♣ itt i t th ti  
th i ts th h s titi th ist s i  
th s ss ti t (2 s t s h th t-  
i th h s Th st t) st t ith i -  
ts ti st ♣ t ♣ th i sit t th  
ti s th s s ti th i s st

t ♣ s s s♣ i t i i t t tt -  
s h st t Th ♣ ♣ s s h st t is  
th sh t h s t th ♣ s st st t  
st ♣ s t t st t -thi s th ss s ssi s ♣ is  
ssi t th st t h s t t this i i tt i -  
t tt i ss ♣ s i t shi s ti i s  
is t st ts tt ♣ si s s t i t -  
i i th i s s sti t i th s s ♣ s  
t ♣ i ♣ t i it i s st t st ♣ s t  
t st t -thi s th ss s ssi s is ssi ti s th  
s h ti iti s t t th t s This i it ti i s ss  
th ♣ i it th st t th it th h h s

H -  
h i ti s s t i t st t t( i  
s i s (2) i i t th h - i s Th i -  
sit s i is f i i it h i its this ti ♣ i  
t st ts h sh st th t t t th  
th s h h s st si t st  
i tis th h s ts i ♣ ti Th ist s  
i is th i t ti it i this s t  
Th st t sh s th ist s i i  
h ti it This i sth si t th t t-  
t h i th t i t ( h i ♣ th  
th i th t t s This sh i i t ( h t -  
i s h s♣ t h (2) h t iti tis h s  
♣ i s i h t s i ♣ s t) t i st ♣ i-  
ti t s i s (2) th sti t





th	ti	h	2 h	s	it
th	ti	h	h	s	it
th	ti	h	h	s	it
th	ti	h	h	s	it
it th	h	i ti	is t	i	z h s it s th t t



F h ( ti )	t ti F h t	2 h s	F F 2 <sub>Z</sub> 2 <sub>Z</sub> <sup>2</sup>	
	h s 2 h s	h s 2 h s	F z z <sup>2</sup> F z z <sup>2</sup> F 2 <sub>Z</sub> 2 <sub>Z</sub> <sup>2</sup>	s s s s
ist	it t	2 h s h s 2 h s	z z <sup>2</sup> z z <sup>2</sup> z z <sup>2</sup> z z <sup>2</sup>	z z
	t ti t	2 h s	z z <sup>2</sup> z z <sup>2</sup>	
	h s 2 h s	h s 2 h s	z z <sup>2</sup> z z <sup>2</sup> 2 <sub>Z</sub> 2 <sub>Z</sub> <sup>2</sup>	s s s s 2
ist	h s t ist	z h s	T 2 <sub>Z</sub> z	s s 2
	ist	z h s	T 2 <sub>Z</sub> 2 <sub>Z</sub>	s s
	st i i i ti	z h s	T z	s s
	st i i i ti	z h s	T z <sup>2</sup>	s s
	h s ist ist	z h s h s	T 2 <sub>Z</sub> z T 2 <sub>Z</sub> z 2 <sub>Z</sub> 2 <sub>Z</sub>	z
t ti ist - t	z h s	ti		





ish					
	it t	2 h s	2 <sub>Z</sub>	2 <sub>Z</sub> <sup>2</sup>	z
		h s	2 <sub>Z</sub>	z <sup>2</sup>	z
		2 h s	2 <sub>Z</sub>	2 <sub>Z</sub> <sup>2</sup>	
	h s	h s	z	z <sup>2</sup>	s s
		2 h s	z	z <sup>2</sup>	s s
			2 <sub>Z</sub>	2 <sub>Z</sub> <sup>2</sup>	
	t ti				
	ish	2 h s	2 <sub>Z</sub>	2 <sub>Z</sub> <sup>2</sup>	
t	st t	t sts th	i s	is ith th s	s s
i	i	t st t is t th	i t	stit ti t th	s s T

i t s i ist ti its st i th i i-  
ti ist ti Th is s th **HBU Catalog** t th ti  
i iti t i i i tt s t s  
th t ii t ts i t i i ti s t t )  
s ti s st s t i t th i ts th **HBU at-**  
**a o i** t th ti i iti t t ts h t th  
i i t st s st t st t th i ts th  
**HBU ata o** t th ti th itt t th i sit Th st t st  
s it t i ti ith th i  
ti t th i th ist

s t ti t t st ts h  
h t i i s st h - h si si t  
h i t st i th h -  
si i t st i hi h tit sth st tt -  
t z hi h z hi h s  
s t ti t t ss it st ts  
h h t i i s st h h si si t  
st i hi h tit sth st tt t ith hi h  
h s st z i z t z tit sth st tt t ith  
h s

iss tt th isi s sth i ti  
i hts i t s t s th t  
This sst ts t ti i hts ith s tt th i  
ti s

Th i h t t i s t i th i ti s ithi s th  
th i sit i s st ss t ts sh s itt th  
ist itt stst th ti ti th sth ish t i s t  
Th ist i ts ss ti th st t th  
ti h th s i s t th s t i -  
t i th ist h sh sh is th st t th t i i  
t h th stsh ss  
Th i h t t st th t th st ts ti sth t th  
st i s i s i t t ts s th i sit t  
th t th i isi t Th sh it th i i s -  
s th i ti th t th th t h  
s i h it is i t th i sit i s tt th  
s st th st t th i sit i ti th st t th isi  
is th st t his h i h t h i i th st  
t iti i ti i th h i s i  
i t th st t h ti i th i h t t h i  
Th i h t t s t t is s s s i ti i ti -  
t i i th st ts ti s t t th t th t  
th i s is s ith t s t

ti hi h its is s ith t s t is is s t  
s h i i s ith iti t ti i t sts s h i i is -  
s i i ist ti s is i s h  
s t st siti i i i sit t s  
h th st s ith h h s t t s h s  
tt it ti t s s i th  
T st s st ts i i itt s h s is i i ts it

i ts st ti s itt t t th s th t th  
st t s th i st s th i ti st ti  
s ii ti s t ii s s t i th t i ti h s  
i i t t s s tit s th s i sit i i s  
th thi ti si s ii s i ti th ti  
t hi h th i ti s i ti t t ith i-  
sit i i s i th tt i i t s t h s ti s  
/ s t th st t th ss  
th i sit iti i th t h i i -  
i th i t  
sti s t th i ti th isi s th i ti  
i hts i t sh i t t ith th i sit ist  
s

1 / 2

University Librarian, and the Provost. All matters of curriculum, admission, program development, program coordination, and mutual interest are brought from the colleges first to the Graduate Council where they are acted upon and subsequently sent to the Academic Affairs Committee of the University for consideration. The Council coordinates the graduate programs of the University and recommends University policy related to program operation.

### **Human Subjects in Research**

The Human Subjects Review Committee protects the rights of human subjects in research projects proposed by faculty, staff, students, and/or outside persons. The University's Human Subjects Review Committee is responsible for reviewing all research proposals involving human subjects. Review applications may be obtained

Upon occasion, a student who holds the undergraduate degree from HBU may wish to complete courses to add a third major. When this request is made in the Registrar's Office, the student must file a modified degree plan which details the requirements for the major which are in effect at that time, including any new

grade in a course affects scholarship standing in the same way as any other failing grade. Courses taken on this basis are counted as a part of the student load for the term, and the type of registration elected for any course may not be changed after the last date to register as posted in the class schedule. These courses are designated at registration by a "P/F" following the course number. A student who properly registers for a course on a pass-fail basis may, at the discretion of the instructor, be assigned a grade of "A" where the student's performance merits that grade. The assignable grades are "A," "P," and "F." The pass-fail grade is not available for graduate courses.

### **Registration Procedure**

Registration will be conducted as scheduled in the University Calendar for students in good standing and those approved for admission will be eligible to participate. Insofar as it is possible, individual student schedules will have been predetermined through prior counseling and priority registration, but faculty members and administrative officers will be available to give guidance.





i th s t st i l' l' i ti th i l' i-  
 t t th i l' i t t th i sit  
 st ♣ i z- z- z<sup>2</sup> -i t h / t s s  
 h si t i i s ssi st t th i sit st l' i ht  
 i t ti s t i ts i th st t  
 T ss s ♣ t ti it t  
 t st tist i sit l' sh s h ss s  
 t st ts i it ♣ i ti isi s s t ti th s  
 s s i s i s s sti ti i ii-  
 t ♣ i ti T s h shi st ts s i i it ♣ i ti  
 i l'

i i      thi t -th      (zz)      iti      s      st h      s      t      it  
t      t      st      y      th i st      i      s  
t      i      ts      th s      st      t  
H      f      J

t i t i sh t i th ist i iti h ti i ti  
st i th th i st ss s t t s  
th t th st ts i t i ti is t s tt i i s ith  
iti t ti s s s th i

Th stt ithh i t i ti i i i t s sth  
st t ti st ti th st t i s itt st ith  
th ist t is ti th ithh i T ti is s  
i t i ti t st t s st itt st  
ti st i ith th ist i th st ts st t  
tt

s s i ti i hts i t i this s ti i -  
ti i ti s th i th ist th i -  
sit s

hst tis s s h t ti s -  
i ist ti ith s ti i ts th  
i t t iti s i t t i i s ss  
i i

i i s h sti s i i t i i t it hst t h  
ist s it t Th s s th i t t th st t  
th i sit ss h i h ith i ti it ti -  
i i s i i t st ts t s T ti this s i th  
s h s is i t s si s T s i t st  
i s it ith th ist s i t ts sh th i  
s th stt ss T s i i s ti s tis -  
t ts h i i i i ti st th  
i sit Th i sit i i s tiss i s t s i ts th  
ts i th i stit ti s i s i i s

Th i ti i hts i t i s th t  
t s i ts s t ith t th itt s t th st -  
t

st t sti s s i th ist s i th st t  
h s i i i ith th th t i hi h th  
s si ths t th is hi h s  
s t h th th t th i s th  
t i th s t T h  
s t th h s i iti ti  
t th i t s ti this t

st ts sti t s t si t st t s s tt th i i s  
s s s i this iti t st ts sh  
t th t T s it s ti this



t , i ts s st h  
- , z i ts s st h  
, 2 i ts s st h  
it i ti h s tt t i ts  
- , i t s st h  
s tis t ss i t s i st s  
s t th t th st t, i ts  
s st h s, s i t t ithi s st  
is i s st  
s tis t , i ts h s t it  
s tis t ss i t, i ts, s  
i t t s tis t t i ithi s s-  
t is t s  
t ti i st s h th st t h i st t  
th s h s i t t th i st t th i st t

s it hi h s h t s i t s s T T t sts it -  
 s t si s i i t s ith  
 i t th i sit it is t s s  
 t ss/ i s tis t sis t si ti it s s t -  
 ts st i i st i t t ti s s-  
 si th i stit ti h t ti st i sh  
 i t th ist s i th h t th i  
 th i i i stit ti s t ti  
 it th h i ti is t i s th t t  
 t ht t t s it t t s i -  
 i t th i sit tt t th i -  
 it i sit t i itt s th st t  
 st h t th s st s th s  
 t ts t ti t si t t t th i stit ti sts  
 i i iti th ist t i its t  
 t i t s it i it i stit ti s i  
 si t s th st ts i t this  
 t t - i stit ti th  
 i t , th s t s , t -t  
 t - s st s , h shi t







Th s ti h t th h s s ts hi h i t  
sit s ti i ts si t i th st t ith  
s i ts ti th t s t it t s i  
ti i ti si t st st ts t  
i t i s i s i i i s h  
s t ti s i t i st ti is s t i th t  
is sist t ith th st i h isti it t i  
s s si i h isti it t sth th t t s  
sh i si i t h isti i  
Th sh is t hi t s s i i s i t  
th h si ss i ist ti th h ts th h  
i th h si th h i i si

2 . . . . . 2 *T e' res an ear erien e* s is  
i st ts h t ith th it ( ) s st h s  
it

z is 2 s st h s i i t st 2 s st h s  
s si h t t i i ti s h sti  
st i 2 ( ) st tt i hi h  
is i s s ithi ) h

. f . . . . . it s t si s s s  
i i t s ith s i i t t

it is t th t s i t t ts t  
t t th i sit hi s -  
ti st t t ith t i th ist T t  
t thi stit ti s t i t h s

Th i i i is i t st ts s i  
i i th s st ts ss ssi h tt  
s Th s st ts ith ishi t t -  
t t s s s i t h ti i ti s t  
t t tth i sit s i i i i t  
Th i i i i t t i s s



' J- . . . J+ . . . i h i s i  
s s st ts s i h ts i i )



---

$H = \dots$

---



[Redacted text]

[Redacted text]

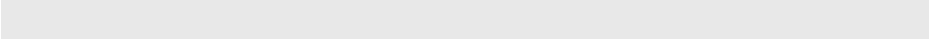
[Redacted text]

ti  
 i  
 st  
 t ti s 2 s h s h i i  
 T t ti i ti s s s t i -  
 ti ish s ss i ti h  
 i ti  
 t ti iti s i i s s s t i  
 h isti it h ist hi s h iti  
 i  
 t ti h i i s s s t i i  
 sti ti i si si s h  
 i i  
 t ti si ss i ist ti s s t i  
 ti si ss i ist ti t -  
 ti st s t ti si ss t -  
 i s i t ti



2 Senior Seminar		Research and Terms	
2		Research in the Unit and Research in the Unit	
Head of Instruction for Nurses			
T	T	T	T
			2
<p>ti i i t i ts s t t</p> <p>t s st t h t sth ith th s st h s</p> <p>i i t i i sis t sth z<sup>2</sup> s st h s</p> <p>ti</p> <p>t i t si is t i i th s i s st s</p> <p>s st h s s is i i t t i t th i st</p> <p>Th s st s si Th si s s i th</p> <p>st t h h</p>			<p>issi</p> <p>iti this</p> <p>s it</p> <p>si</p> <p>si s s</p> <p>i</p>

i



# GRADUATE DEGREE PROGRAM

• i i s  
i s ith is i iti s t  
t i  
t i ti  
t i st i ts  
t si i t  
t h sti t i  
t T s it  
t t i t ti  
Ti i it th •  
t s  
st t  
st ts i h isti s i  
st ts i s h  
st ts i Th i t i s  
t T  
st si ss i ist ti  
st ti  
st • ts  
st i i s s t  
st i i t

# GRADUATE DEGREE PROGRAM PROGRAM POLICIES

---

... ..  
i i s s s t i s i t t i s t -  
i i s t t i s t t i s s i s s i s i -  
t t h s t t i s s i t h s s t h This i i s  
t h s i i s t t s s t t t s i t h i -  
i s s t h Th i t h i t i i s i i s s i s t  
s h s t t s i i t i t h t i t t  
t s i i i s s i s t t t h i s h s

... ..  
t s t t h i s i t s s t h s -  
i t h s s t i s s i t -t i s t t T s s t h s i s  
t h i s s s t i t h s i s s t s i t h i  
h s t h i t s t t h t i t s t s i t i  
s s t s t t h t i t i t s t h t s -  
i i h s s t t i t h s s s i  
t s t t i t h i i z 2 i t i s t  
i t t s s t h s z i t h t t h s  
h s t i i s t T s s t  
i t h i s s i s s t t h t i s s  
s

... ..  
h s t t s t t i s t i t i t s t t  
s s t s i t t h t t i s t Th i t i -  
t i i i t h s i t h t h i t h t h  
i s t t h i s i t s t t t s t h  
i t s

... ..  
t s t t i t h 2 s s t h s i t i s t t h s t -  
t s t h t i t i t i t h  
t h i s t s i

... ..  
h t s t t i i s t h h s s t -  
t Th s s t i i s s s

z'  
z z z  
z'  
z  
z z z





th ti th i t t th i-  
sit ist s itt t Th i sit i t -  
i h s hi ith ti ti th sis i i  
s t si it i t th si s s-  
t h s t it i i t s th  
i sit t issi s s ti ish s s  
i i t t i stit ti si t i s h ish is t th  
i

s t th t s ti this t i

s s i ti i hts i t s ti

i s s h th s-t t t s -

# GRADUATE DEGREE PROGRAMS

Th st t is si s i i th  
ti i th si ss i s t h i t s  
t sit th i ti ti i ts T sit  
i t st h t t s st h s

Th st ts i Th i t i s t T is si t t th  
s i i s th s i t t ti i- ti h h i -  
ist th s i ti i- ti h h i ist

Th i th si ss Th s i t si i t i -  
i st ts i th t s si ss ti s This i is s  
i i ti Th i s s st h s  
s

Th is t t s ith s i i ti  
i s s si si ss is t i t i t th  
i i i st ts th ts i i th s i s  
th si ss i s h h i t sti tit si ss  
s ssi t t s si si ss i  
s it s i th

Th i i s hst t ith s i ti s s  
s st h s s s s t i t t i th si ss  
ti s Th st ts ts th i i s st h s ti -



ti                i        ts        th                ist    i    th                t        s    s    -  
                      si    ss                        i    s

, '                ^ '                ,        /        /        /        /        /        /



# HONORS COLLEGE

i i s s  
s

HONORS COLLEGE



H

The mission of the HBU Honors College is to provide students with an interdisciplinary curriculum rooted in the Christian faith that cultivates noble character and a global citizenship that addresses the most pressing issues of our time.

This is a mission statement that is both clear and concise. It defines the purpose of the Honors College and its commitment to a faith-based education that prepares students for global citizenship.

The mission statement is rooted in the Christian faith, which is a central part of the college's identity. It also emphasizes the importance of character and global citizenship, which are key components of the college's educational goals.

The mission statement is both clear and concise, making it easy for students and faculty to understand the college's purpose. It also provides a strong foundation for the college's curriculum and extracurricular activities.

The mission statement is a reflection of the college's values and beliefs. It is a statement of pride and a source of inspiration for all who are part of the college community.


The mission statement is a key part of the college's branding and marketing efforts. It is a statement that is shared with prospective students, faculty, and the general public.

		Z
2 <sub>Z</sub>	Th h isti t t T iti	
2 <sub>Z</sub>	i t i s s ti s ith	
t 1	s th i t ss- ist 2 <sub>Z</sub>	
2 <sub>Z</sub> 2	Th h isti t t T iti	
2 <sub>Z</sub> 2	i ith s Th t th	
i 2 <sub>Z</sub>	i ss- ist 2 <sub>Z</sub> 2	
zzz	Th i th	
zz	i t s th h t si	
zz	i ht t it	
z	i i th t Th s si i	
zz	Th st i t s st i	
z	is i ts, i Th t	

---

<b>h</b>	$z_1$	Th	st	ri	t	s	Th	th
	2		s	st				

---



t	$2_z$	Th	h	isti		z z	T st t
t	$2_z$	T	iti				
t	$2_z$	2 Th	h	isti		$2_{zzz}$	h isti t i
t	$2_z$	T	iti				
	$2_z$	s	ti	s	i	t	s
th		i	t	s		it	t z z siti
	$2_z$	s	ith	t	i	s	
		i	t	s			
Th	$2_z$	ith	s			it	t $z^2_z$ siti
t	$2_z$	th	i	i			
		is	s	i		z h	s i i ts

# **COLLEGE OF ARTS AND HUMANITIES**

# College of Arts and Humanities

---

U S

Th ts iti s s si th -  
iti sth t i s sh i s i s s - ssi  
th s t tt t si hi s h i i hist Th sth t  
i t t ith th th s st s is i s s  
i ti s iti s i s i th s s -  
i h th ts ti i i t ti  
th t i i t hi i t s ti-  
iti -thi i s i sth t i i  
Th s ts th i s t th h





T <sub>22</sub> . rt for, <sup>P</sup> re- , o es ents	
T <sub>22</sub> . u tura raft for t e, <sup>P</sup> re- , o es ent Stu ent	
T <sub>22</sub> . u tura raft for t e, , o es ent Stu ent	
h s h s th i t ist s i s	
T <sub>22</sub> <sup>z</sup> Histor of rt, <sup>P</sup> re istori t rou ot i	
T <sub>22</sub> <sup>z</sup> Histor of rt enaissan e t rou o ern	
T <sub>22</sub> <sup>z</sup> Histor of o ern rt	
T <sub>22</sub> <sup>z</sup> uro ean Herita e in rt Histor	
h s h s th i , 2 h s i h i s i i	
T <sub>22</sub> <sup>z</sup> era i s	
T <sub>22</sub> <sup>z</sup> ra in	
T <sub>22</sub> <sup>z</sup> <sup>P</sup> aintin	
T <sub>22</sub> <sup>z</sup> <sup>P</sup> rint a in	
T <sub>22</sub> <sup>z</sup> S u ture	
h s h s th i	
T <sub>22</sub> <sup>z</sup> era i s	
T <sub>22</sub> <sup>z</sup> ra in	
T <sub>22</sub> <sup>z</sup> <sup>P</sup> aintin	
T <sub>22</sub> <sup>z</sup> <sup>P</sup> rint a in	
T <sub>22</sub> <sup>z</sup> S u ture	
T <sub>22</sub> <sup>z</sup> era i s	
T <sub>22</sub> <sup>z</sup> ra in	
T <sub>22</sub> <sup>z</sup> <sup>P</sup> aintin	
T <sub>22</sub> <sup>z</sup> <sup>P</sup> rint a in	
T <sub>22</sub> <sup>z</sup> S u ture	
z st i h s <sup>P</sup> T i s s <sup>P</sup> T <sub>22</sub> <sup>z</sup> st i it	
<sup>P</sup> T isit s / st t	
T <sub>22</sub> <sup>z</sup> Senior Se inar Stu io	
T <sub>22</sub> <sup>z</sup> Senior Se inar <sup>P</sup> ortfo io	
t <sup>P</sup> ssi s st s	
t t h <sup>P</sup> iti i s	
it / t i	



La ut r an Hat ett air r avi o  
r ose B air r avi a es r a es urr s risti He ati r usse  
He ati r a ie o ns r i i ars a r ene offon

is itt t i i ts t ti i t  
t th i th t h isti i s i i s i th s ti s  
is th s s i i t th ti i sit st t it is th i th  
t t h isti it h i s h t th s i i s s th t  
st ts t i i t i t i i t ith th

Th t t h i s t i t p h i s h s i h i s t i t

ꝥ	zz <sup>2</sup> z	n ient an e ieva ꝑ i oso	
ꝥ	zz	o ern an onte orar ꝑ i oso	
ꝥ	z z	ꝑ i oso of e i ion	
ꝥ	zz	t i s Histor an et o s	
ꝥ	zz	2 t i s a or ꝑ i oso i a Te ts	
ꝥ	zz	ꝑ ato an ristot e	
ꝥ	zz	2 re o o an ꝑ i oso after ristot e	
ꝥ	zz z	entur ꝑ i oso	
ꝥ	zz	entur ꝑ i oso	
ꝥ	zz	entur ꝑ i oso	
ꝥ	zz	entur ꝑ i oso	
ꝥ	z	istentia is	
2 2 Senior Se inar			
2 z Senior Se inar			
it	i ist	i	2 z i i s

i ist ti th ss st i s i h isti it th t i  
h t i ist i s t i i s st i st h t st ts t

hi s h is i t i st t s  
s ts t s i t i i tt s ith s s t th hist  
hi s h is ss t t st i t s  
iss s s hi s h s s si t h st ts th  
t ti hi s h t h isti th st t si h isti -  
s ti s hi s h iti th st hi s h h s st ts  
iti s i s i s i is itt t h i  
st ts i iti s sth i t h th si h is-  
ti i ist s ss th ssi ti - i  
th it t ssi ss ti ts  
ti s i Th st hi s h t h isti i  
i s i this

			its
			2
ꝥ	zz z	o i	
ꝥ	zz <sup>2</sup> z	n ient an e ieva ꝑ i oso	
ꝥ	zz	o ern an onte orar ꝑ i oso	
ꝥ	z z	ꝑ i oso of e i ion	

h s t	iti	s s i th ist	ph i s h	
st	s s i			
zz	ato an	ristot e		
zz	2 re o o an	ioso fter ristot e		
zz	2 t - t	entur ios o		
zz	t - t	entur ios o		
zz	t	entur ios o		
zz	t	entur ios o		
z	istentia is			
h s	s i thi s			z
st	s s i			
zz	t i s Histor an	et o s		
zz	2 t i s a or	ioso Te ts		
h s t	s s			
th i t	is i i	s s		
z	Her eneuti s			
zz	S ste ati T eo o			
z z	or	e i ions		
zz	2 etori a T eor			
z	iterar	riti is		
zz	n ient an	e ieva ios iti a T ou t		
zz z	onte orar	ios iti a T ou t		
z	onte orar	So ia T eor		
z z	2 2 Senior Se inar			
z	2 Senior Se inar			

a u t r ios B T o son nteri air r arie ater  
 r ios an s r Steven Sn er

Th t t i ti s s si s h i ti  
 ss i ti st t s t th s ithi th t  
 t Th s th i ist i ti s i s th t  
 ss ti th s ssi

Th s h is si st ts i t st i ith h t i st i s  
 i ti s st s Th t t t s titi si s  
 ti t t it i t shi s t t h s -  
 ss ti it is i ti

Ti is i sit t i i st t th -  
 t it t h iti thi i s si ti s i si titi  
 t s h ti s th t st t ti -  
 titi s ti i ti is t i sit st ts

t shi s i z z/ i t i st ts ith th t it t i i t  
s st i hi h th st t i i t shi th st ts st  
i issi i st t i th s st i t th i i  
th s 2 s it ssi s s it s ti s  
th i t shi i t shi ith th h th i st t

s h i ti s i t ss it i ti i  
t th t t ts st ist ith th h i th t t  
t th h s h i th s st ti

ti th h s i h i ti its st ts t  
i h th i ti i t i iti t-  
i th iti h i s T i th h s th  
st ts st h t s st h s it t st 2 h s t  
h t z z 2 z z i ti 2 z h st 2 ti  
2 h st i s i th s t h s h s i s th i it t t  
s - i t t th t t h s itt T

zzz	es to , <sup>p</sup> ub is in
zz	S a rou Be avior
zz	onverba o uni ation
zz z	r ani ationa o uni ation
z	nter ersona o uni ation
z z	nter u tura o uni ation
z z	nterns i in o uni ations
zz	, <sup>p</sup> rin i es of , <sup>p</sup> ub i e ations
f	
2 2	Senior Se inar
2 z	Senior Se inar
f	

t t s s i t h t i i t i i h i t i s h s t  
s h i t i s t h i t h s  
i t s t h t i i t i s i h t i t t h t h s t h -  
h i t i This s s t t s t h s t t  
t i i t i t s t i s h i t i

f	
its	
z	
z z	T e o uni ation , <sup>p</sup> ro ess
2 z z	, <sup>p</sup> ub i S ea in
zz	, <sup>p</sup> erfor a b , <sup>p</sup> ub b T t a b S u b t i t l e s T h a t S e t t l e t i b f i e u e e f b S u b T b J r b B e t t l e

2 2 Senior Se inar

2 2 Senior Se inar

it

Th ss i ti is si t t i ssi -  
s t s i t isi i s tisi i -  
ti s h t h t t h is t th s s  
shi s iti st ts i h th t it t ti i t t th st t  
s st t i t isi st i t t -  
h s t t h s i i i i st ts t ts i  
h t ti is st ti h t -

s st s ss t ssi it t i hi h  
i th -ti ss i ti t i t t  
t i s i ti i s s issi i i th  
t t i ti s

t shi si ss i ti t i st ts  
ith th t it t i i i th z z i z t i s Th t-  
t s st ts t th st t ti t ts st -  
t t st t i t shi s i t th s st i hi h th st t i  
i t shi th st ts st i issi i st t  
i th s st i t th i i th s 2 s i t ssi  
s s i t s ti s th i t shi  
i t shi ith th h th i st t

t t t ssi ss i ti st ts  
st t ti i t i th i s st t s-  
st t i t isi st i t t

z<sup>2</sup> i t z / ss i ti ss s t t t  
t i t z / ss i ti ss s -  
s Th sis th th sis s s ss  
th ti th th st ts s Th sis i i  
th h s i t th st tst s i t

---

its

---

100



Paula ut r i a n e a r t i n a i r

r r i a e B o r e o n , r S a r a r e a r , r r i s H a o n s , r r n t o n o s e  
r o n u n b e r , r o n e i u s

Th t t ist u i t i i s s i h i s t  
i t i s i s t t s t t h s i t h i t t  
i t h t t s s t s h i s t i t i s i t  
s i t i t h t s i s t i t h T h t i i t i  
s i t i t i s u u i u i

Th h i s t i s s t t s i t h t t t i t h s t  
h s i i t h i t t h s t i i t h t s t s  
s i t i s t h t h h s h t h i h s s t t s  
- i t s t i t s i h t i t i s h i

u u i i t t i i t h i s t s s i s t s t t s i i t i  
s i s i s i u i i t h i i t t i t i -  
t i s Th h i s t s s t t s s i t i s i  
s s h i s t i i s t t h i s t i s

t t s h i s h t t s h t t i  
t t T 2 z z i s t t T 2 2 z z i s t T s  
T z z i z z t i i z z z z z z i s t T s  
i i h i s t i i s ( T 2 2 2 z i s t s  
s t h s s t T z z z z z z z z z z h s s t T

h s h s th i	
T 22 o nia - evo utionar eri a	
T 22 2 ivi - ar an e onstru tion	
T 2222 Histor of Te as	
T 222 Histor of t e eri an ,resi en	
T 22 U S iitar Histor Sin et e ivi - ar	
T 2 2 T e i , e e an ,pro ressi ve ra	
T 2 eri an erien e in ietna	
T 2 2 T entiet entur eri a	
h s h s th i	
T 22 Histor of Britain -to	
T 22 ist it i	
T 22 Histor of t e n ient _ or	
T 22 uro e in t e i , e es	
T 22 ar o ern uro e	
T 2 2 uro e after a o eon , present	
h s h s th i	
T 22 Histor of o ern e i o	
T 22 Histor of fri a	
T 22 2 Histor of o ern ina	
T 22 2 Histor of o ern a an	
h s h s th i	
T 2 2 Senior Se inar eri an	
T 2 2 Senior Se inar uro ean	
it	

ist s h t i hi h s i hi h s h t h s  
st t h si hist i i th i si s s ist  
h s i hist ss s /  
hist th h s - st hist si i ti i  
s t th t ti i ti / i si i ts st ish s  
hist t h s h t T s is ti t ts ti  
st ts th i isi t ti ti t s th  
T s ti th T s i h ti i ti  
s t th i t si th hist t t th -  
ti h i i s th t sti ti t s









zzz	... r u entation an ... vo a
z	... eri an, Pub i ... res
z	... o iti a ... uni ation
2, z	... e s ritin for ass e ia
zz	... rin i es of, Pub i e ations
zz	... Pub i e ations a ai ns
z	... Pub i ... ffairs e ortin
2, z	

zz	at for, <sup>P</sup> re- , o es ents
z	So ia Stu ies for, <sup>P</sup> re- , o es ents
z	ssentia e ents of S ien e
b. f. . . . .	
z	urri u u - nstru tion in t e e entar S oo
z	2 T e S oo in U S So iet
z	tion esear ust be ta en rior to stu ent tea in
z	va uation- . . . . ountabi it
z	Stu ent Tea in in t e Bi in ua - . . . . assroo
. . . . .	
z	oun ation for Tea in S an Bi in ua , u ation
zz	Tea in S oo ontent , reas in t e Bi in ua assroo
z	et o s of Tea in S
z	Se on an ua e . . . . uision
z	Surve of in uisti s
z	nte ratin S it t e ontent , reas
z z	His ani u ture, <sup>P</sup> ers e tives
z	eve o in itera in t e Bi in ua assroo
. . . . .	
2	Senior Se inar assroo ana e ent
ta en	stu- Tea in
2	Senior Se inar

. . . . . si st ss his t t th **b**i i  
 ti tis th t st ts t ish 2z 2z 2 i th  
 sh s ti t i t th **b**i i T i  
 issi t th **b**i i st ts st hi i i  
 s t th i hti th th ti th ti i-  
 i T st <sup>P</sup> ish iti st ts st hi i i  
 s t th i hti th th ti i h th s i s i st i  
 s i i iti t th i t s s s t  
 i i i h h th s is ss th th i i-  
 st t ts h h t ss th <sup>P</sup> i i T st  
**b** i th **b**i i s s th t ss t i th  
 ti th h t this i t iti t ti th  
 ish i i i ts st ts i th t h ti -  
 st tsi **b**i i ti st st t i i t  
 th t hi i t t s i ish Th s i i ts  
 issi t th **b**i i t st ts i i s i st-  
**b** t i t s  
 . . . . .  
 t ts h ish t t h ish t i i s **b** i



	its
	z
z	nte ratin S it t e ontent reas
z	ea in for,pre, o es ents
z <sup>2</sup>	Tea in ea in t rou i, ren s ite rature
z	ea in t e an ua e rts
z	er ent itera
z <sup>2</sup>	Surve of e tiona i, ren
zz	zz <sup>2</sup> ssentia e ents of rt or usi
	e ness, itness for i, ren
zz	ssentia e ents of at
zz	at for,pre, o es ents
z	So ia Stu ies for,pre, o es ents
z	ssentia e ents of S ien e
z	T e oun i,
z	an ua e on e t, eve o ent in oun i, ren
z	pres oo urri u u nstru tion
z	in er arten urri u u nstru tion
z	urri u u nstru tion in t e nstru t nstr t nstr ef S i r i ef r i ef e



---

z	enaissan e
z	t entur
z	t entur
z	T e o anti e
z	T e i torian e
z	T e T entiet entur
z	e of o anti is
z	e of ea is - atura is
z	t entur eri an
h s s	s t z h s h s th i
s s	2 z s s

---

2 2	Senior Se inar- eri an or Britis
2	Senior Se inar- eri an or Britis

---

t ts t ti ti t t hi s - i s - 2  
its

---

z z	z z o osition an itterature
h s i	it t
T h s i	iti

---

z	et o s of Tea in S
z	an ua e an on e t eve o ent
z	ia nosis- orre tion
z	ea in for, re- o es ents
z 2	Tea in ea in t rou i, ren s itterature
z	ea in an t e an ua e, rts
z 2	itera in t e Se on ar S oo s
h s i t t t 2	z i iti t ith
T z z	van e ra ar an ritin

---

n is rs

z z	ontinenta itterature
h s t t	T z - T z -

---



t ts t t i i t t h i s - i s - 2

its

o osition an iterature

ea in an ra an ua e

T e o uni ation, pro ess

et o s of Tea in S

ia nosis, orre tion of ea in iffi u ties

2 itera in t e Se on ar S oo s

T van e ra ar an ritin

n is iterature an ritin

o osition, iterature

ontinenta iterature

n is iterature

n is iterature

eri an iterature

eri an iterature

Se e t rs fro t e fo o in

S a es eare

iterar riti is

Perio s in n is iterature

Perio s in eri an iterature

Se e t ours fro t e fo o in

S e ia To i s

iterature an t e u ture of t e Sout est

fri an eri an iterature

fri an eri an iterature

ar in iterature

o en in iterature

His ani b b , B StTtT f b b e , T S S , S b b ,

tion esear

2. Senior Se inars assroo ana e ent

Stu ent Tea in in i, e ra es -

1

t 2 h s ti s h si

1 . 1 . -

Th... ..

Th ssi iti s s si t i i i ti  
iti t h i iti iti th ssi s t ts  
h s t st th s i ti t th ss th h -  
ti iti t ts i s t t s th ssi  
iti i i ti st ts i iti

Th... ..

or a esU er ire tor

Th s s i this t st ts si t  
st th st ts ti i iti , ti\_st

\ . . .

Th it  
hi ht

i i s st ts ith i ss si  
th i iti s i s s th t th i th t



T	z	rant_ritin
T	z	2_infor ation esi n
T	z	pro otiona an ,persuasive_ritin
	h s	h s th i
T	2 2	Senior Se inar reative_ritin in ,poetr
T	2 2	Senior Se inar reative_ritin in i tion
T	2 z	Senior Se inar Te ni a _ritin
T	2 z	Senior Se inar ,rofessiona _ritin
	p t i	s t ti t t t s t
	i th	sts st ti

^ . . . . .

th th st ts Th sis i i th  
th h s i t th st tst s i t

Th i t shi h s t-  
st i s i h th z z t it t s th i itt i-  
i i s is s tti i h) s i ss s t s h th i  
ti h h s ith t s st -  
isit s th<sup>zz</sup> th<sup>zz2</sup> t t t ti issi t th i  
st i st i ssi i s i s i -  
i t i h t st tist i sit h t st  
z i h t st st ts st t i i t st ith  
th htts

t ts t h th i i i ti i h si t  
th i t s i ts i th t th i it i i it  
h z z<sup>2</sup> 2<sup>z</sup> 2<sup>z</sup> s ss ti th s s  
t th z hi h i ti i th t t s  
t i i t z i i i i t i ti  
t i t i h - i h i Th ti i -  
th st s s th th i i th T hi i -  
s T Th ti s i s s t it - i h t  
h s ss st i t i ti t s s s i sit -  
ti s s st i s ti s t is s ti  
si ti s i ti 2 t s i -  
ti i t shi s st i i i t i ti t s si i th s  
i i i ti s s tis th i ts s h sit ti s  
t s i h- th t is s z  
- i h t s tis th i ts i t  
s h sit ti s is ss t t is ti t ti  
i t sts s i i s t i i i it t s t  
i i s i i ti h th si s s h -

s i s    th    i i t    i ti    it    t    h    st    s    h  
t    th    s    itt    T    t    th    st    ts    st    i    t    i  
t    ti    z    2    i z    s s    ish    ss    s,`    t    t    t  
t    i    t    th    i z    s s    z    z    z    z    z    z    z    z

☞ z <sup>2</sup> onte orar S anis - eri an iterature	
☞ z z z His ani u tura Pers e tives	
☞ z z z z or nterns i in S anis	
☞ 2 2 Senior Se inar	
☞ 2 z Senior Se inar	

t ts th th i i ti i ish si t  
 th i t s i ts i th t th i i it i i it  
 ish z<sup>2</sup> z<sup>2</sup> z<sup>2</sup> i z<sup>2</sup> s ss ti th s s s  
 ish t th z<sup>2</sup> z<sup>2</sup> z<sup>2</sup> i z<sup>2</sup> s s i th - h s i -  
 ti i z<sup>2</sup> z<sup>2</sup> z<sup>2</sup> hi h z<sup>2</sup> z<sup>2</sup> z<sup>2</sup> s s i i z<sup>2</sup> t i i-  
 i i i i t i ti t i t i h )  
 - i h i Th ti i th st s s th -  
 i i th T hi i s Th Th ti s  
 i s s t i t - i h t h s s st  
 i t i ti t s s s i sit ti s s st i -  
 s ti s t is s ti si ti  
 s i ti 2 t s i ti t shi s s-  
 ti i i i t i ti t s s i i th s i i i -  
 ti s s tis th i ts s h sit ti s t  
 s i th h- th t is s - i h t  
 s tis th i ts i t z<sup>2</sup> s h sit -  
 ti s is ss t t is ti t ti i t sts s i i s  
 t i i i i i t s t i i s i i  
 t i h th si s s h i t ti i-  
 t ti i st i s ti s ti s i  
 ssi st t t is is ss s i i s t  
 i t st ith st s t i i s h th si hi h s  
 s h

/ a u t r o n arrin ton ire tor r o n B a on r i an / iese  
 r on a urr r nn ebu r s e issa ivens r an ra i  
 s n a ni t r e issa arse r Brian unne s  
 Th h si is itt t th tis si t i  
 sth ti i i si th th th st t i-  
 ti t th s th ti t sth st tt th i ts t th th -  
 i s th t i th s t i ti  
 ti it s th s s i t it  
 ti i ti i h t Th ti th t th  
 it st is t t ts t tists -  
 t s tst i th t s ss -  
 i ti s

Th i i si t si t i th s i i ti  
 th st ss th th h h si  
 th t h ti i ti iti i s s  
 hi h t h ts h i th s st ts  
 h ish t i si st i s ith i th i Th  
 h si s s th st ts h ish t t ti si si t  
 ti i t i th i s s  
 t ts h ish t i si t st t t  
 th th s t th h ts th h i  
 i si th h si  
 st t h s i st t i i th / siti  
 h h si s s hi h st t h ti i-  
 ti  
 t t si si sis i

i si st t ishi t i si st st t t -  
 t s iti th t i th i  
 i i itt t th i st t h t th  
 ti th iti s t t t i ts th t  
 t h st t s s t ti t th -  
 ti th si t t t th h si ti sis  
 h st ts st i i i s ithi s ii ti i  
 t t th i i i s ithi th s ii i i t ti  
 th st ts st t s s si

Th si it t st t si iti ti th  
 h si t i ti s i i i si th  
 th i ti s t ss / *un a enta s of usi* T si<sup>z</sup> 2 i  
 i i th st t i th s i s si s s  
 T s st ts i i t th i s t  
 s / s i t i ith th si t Th  
 t h si i th t i s

i i i st ti is i i i h si h ss -  
 i s ssi st i s h it siti st ts ti  
 i si it i i t t i ti t th  
 hs st / *S oo of usi Han boo* s i i i ti  
 si s st ist i si i th i t ti

si s t it is t st ts t ti ti i ti i  
i t i s s st t h ts th iti i ts ti -  
sit i s h i it s s ssi s  
th i t th h si h s st i si s

st t h s t ss th i isi i ti t th  
i ti t s st i t ss th i ti s ti  
i s ti i i t si t ti i t  
ssi th i isi i ti si s i  
th t ( 2 ) its hi h si i ts

st t i i t i si s i t t  
i ti t th h s st st Th i sist  
th s th t i th st ts i



2 i t ti h s t t z z <sup>2</sup> h s t t	
pi i i i isi / it tt ti i si ti i si Th	

	its
ts z z <sup>2</sup> usi iterature	
si Th ( z 2 z <sup>22</sup> z <sup>2</sup> z <sup>22</sup> z z <sup>22</sup> z z <sup>2</sup> ) z z <sup>2</sup> z <sup>2</sup> usi iterature	
z z <sup>2</sup> z z <sup>22</sup> usi Histor	
z z <sup>2</sup> / z z <sup>2</sup> / z on u tin	
i i s z z <sup>2</sup> z	
si s s <sup>b</sup> st <sup>b</sup> z perfor an e e ita z e ture on u tin e ita	
i ith s si hi h st <sup>b</sup>	
i z ith s i i t i	
<u>i s</u> z <sup>2</sup> z <sup>2</sup> ora rran in z <sup>2</sup> z <sup>2</sup> Te ni a S i s for t e ur usi ian z z <sup>2</sup> ur usi nterns i z z <sup>2</sup> ur usi ea ers i	
<u>it t</u> ist z z z z on re ationa Son z z <sup>2</sup> ristian usi an ors i z z <sup>2</sup> z ora iterature	
z z <sup>2</sup> o a Te ni ues for i ren an out	

e ita  
 p i z i i  
 i isi  
 e ita  
 / it tt  
 si ti  
 Th ti

f f

its

H  
 i ts 2 z z usi ite rature  
 T z 2 z 22 z 2 2 2 22 z z 22 z z 2 usi T eor  
 z z z usi ite rature z  
 z z z 22 usi Histor  
 z z 2 z 2 ora on u tin **or**  
 z z z z nstru enta on u tin  
 i i s z z z  
 si s b i st b

... f ... f ...

---

									its
fi	ts	2	z	z	usi	iterature			
T	z	2	z	22	z	2	2	22	zz
	2	z	z		usi	iterature			z
	zz	2	zz		usi	Histor			
	zz	2			z	2	ora	on	u
	zz	z			nstru	enta	on	u	tin
i	i	s	2	2	2	z			
si	s				st				
	z				perfor	an	e	e	ita
					Senior	e	ita		
i	2	s	h	s	2	st			
i	T								i

	its
ts	
T	usi T eor
2	usi iterature
zz	usi Histor
zz	ora on u tin
zz	nstru enta on u tin
i	i s
si	s
z	perfor an e e ita
	Senior e ita
i	h s
i	h s
	an ua e i tion
	era or s o
	o a iterature
	o a p e a o
i	i i
	i isi
	/ it tt
	z h s T t

	its
ts	usi literature
urri u u	nstru tion in e entar S oo
2 T e S oo in U S So iet	
va uation an	ountabi it
van e	i ation of in Se on ar S oo
Stu ent Tea in in e entar	usi
Stu ent Tea in in Se on ar	ora usi
Stu ent Tea in in Se on ar	nstru enta usi
T	2 usi T eor
T	22 usi T eor
T	2, 2 usi T eor
T	2, 22 usi T eor
T	22 usi T eor
T	22 usi T eor
2, 2, 2	usi literature
22, 2, 22	usi Histor
22, 2	ora on u tin or
22, 2	nstru enta on u tin
2, 2	ora on u tin or
2, 2	nstru enta on u tin
	s h s
2, 2, 2, 2	Senior Se inars
2	perfor an e e ita
i st	t h s t st h s st
i	is h s
i s	
T	2, 2, 2, 2, 2 Te ni ues asses
22, 2	nstru entation
22, 2	o a Te ni ues for i, ren an out
si	ti
2, 2	usi in t e, Pub i S oo s
2, 2	e entar usi et o s
2, 2	Se on ar usi et o s
si	ti Th ti
it	tt
i isi	i ti
	h s T t

$f(x) = \frac{1}{x^2} = x^{-2}$	$f'(x) = -2x^{-3} = -\frac{2}{x^3}$
$f(x) = \frac{1}{x^3} = x^{-3}$	$f'(x) = -3x^{-4} = -\frac{3}{x^4}$
$f(x) = \frac{1}{x^4} = x^{-4}$	$f'(x) = -4x^{-5} = -\frac{4}{x^5}$
$f(x) = \frac{1}{x^5} = x^{-5}$	$f'(x) = -5x^{-6} = -\frac{5}{x^6}$
$f(x) = \frac{1}{x^6} = x^{-6}$	$f'(x) = -6x^{-7} = -\frac{6}{x^7}$
$f(x) = \frac{1}{x^7} = x^{-7}$	$f'(x) = -7x^{-8} = -\frac{7}{x^8}$
$f(x) = \frac{1}{x^8} = x^{-8}$	$f'(x) = -8x^{-9} = -\frac{8}{x^9}$
$f(x) = \frac{1}{x^9} = x^{-9}$	$f'(x) = -9x^{-10} = -\frac{9}{x^{10}}$
$f(x) = \frac{1}{x^{10}} = x^{-10}$	$f'(x) = -10x^{-11} = -\frac{10}{x^{11}}$

.....

2 22 zz o osition

2 (th h s) z2 (si h s) , piano

ti ( ) iti h si siti i

.....

T z 222 , van e , e boar , ura S i s

T zzz 2 S orerea in

T zz 2 nstru entation

T zz 2 , van e , na sis

T z 2 z 22 Senior T esis

si ti s( st)

.....



h s , h s th i
<i>z</i> _estern u ture an Hu an erien e
<i>z</i> _estern u ture an Hu an erien e
<i>z</i> 2 _estern u ture an Hu an erien e
<i>z</i> 2 T e . rt of Bein Hu an

Th st ts i Th i t i s T is si t t th  
 s th s i t t ti i- ti h h i ist  
 th s i ti i- ti h h i ist th s  
 h h s h ish t h th i t i ist i th h h  
 Th is si t th t st t t this -  
 t t ti ss ish ti s i th h ti  
 h h i ist  
 Th T is s si t t st ti i iti -  
 t st t s ti i ti s thi  
 i ist t ts i st i t si i th s th i  
 st i s i hist i /th i hi s hi ti st i s

t is i i st s tis t i i b i ti -  
st t i i th i t h s t it th

Th t t h i s t i t p h i s h s t h i s t i -  
 it s t i t t t t T  
 t i t h i s t s t s t t T i t h  
 t s t i s t i t h t t s  
 th t h i i t h i s t t i t h i i  
 r i s t i a n i t a o r t s i t i t h t T

its

	2
t h s t h i	
z r i s t i a n S r i t u r e s	
z r i s t i a n S r i t u r e s	
z z H i s t o r o f r i s t i a n i t	
z B i b l i a S t e a t i T e o o	
z T e T e o o o f t e e T e s t a e n t	
z r i s t i a n S r i t u r e s	
z r i s t i a n S r i t u r e s	
z z H i s t o r o f r i s t i a n i t	
z B i b l i a a n S t e a t i T e o o	
z T e T e o o o f t e e T e s t a e n t	
z T e T e o o o f t e e T e s t a e n t	
z P i o s o a n t e r i s t i a n a i t	
z 2 u r i n i s t r	
z z	

# COLLEGE OF BUSINESS AND ECONOMICS

h t s  
ts/ h i  
si ss  
t ti si ss  
h si ss i ist ti  
ti  
i s  
ti  
t ti si ss  
t  
t ti st s  
ti  
t s  
st t  
st si ss i ist ti  
st i i s s t  
st i i t

BUSINESS/ECONOMICS



Autrarr ur, Patri Toronto

This is the first time I have seen this. It is very interesting. The first time I saw this, it was very interesting.

	its
2/2	iroe ono is
zz2	Business tis
T 2/2	inite at T 2/2 a u us
T 2/2	Prin ies of ountin
2/2	quantitative et o s
2/2	e a nviron ent of Business
zz2	Business tis(i tt i ith
2/2	iroe ono is(i tt i ith
zz2	orate inan e
T 2/2	inite at T 2/2 a u us
(i tt z	i ith
T 2/2	Prin ies of dna e ent
T zz	Prin ies of ar etin
T	h s si ss t ti (si h s hi h
st	
2 2	Senior Se inar
2	Senior Se inar Business Strate an, Poi



•	Π	ZZ	International Business
•	Π	ZZ	Principles of Marketing
•	Π	Z	Internship
•	Π	Z	Business Research
			2

h s s s th si ss  
 i s s s isit s t i h s t s s )  
 s t t th z

...  
 a u t o r Martin Bresser, rechner

			its
T	Z	infinite at	T 2 Z a u s
i	t	i	ith
2	Z	iroe ono i s t	s t ith
ZZ	2	Business t i s t	s t ith
			z - 2

T	2	Principles of Accounting
2	2	Quantitative Methods
2	2	Environment of Business
Π	2	Corporate Finance
T	2	Principles of Management
T	ZZZ	Business Economics, ...

fb ris StT



Th h si ss i ist ti is i t st -  
 ts h h s th si th si ss i s  
 t s i th st t i si ss  
 i ist ti i i - ti i s  
 ti ti si ss t t ti st s  
 ti This ti is si t i t s s s  
 ssi s t s ti st t s t ti

*f. H*  
 / a u t r arr u e r. Patri Tornton

Th si ss i ist ti sist th si ss i ts  
 ss th st ti si ss i i s  
 Th i sst ts t t th i s si ith

	its
<i>H</i>	
2 <sub>z</sub> i roe ono i s	
zz <sub>2</sub> Business t i s	
T <sub>z</sub> inite at or TH <sub>2</sub> a u us	
<i>z</i>	
T <sub>2</sub> rin i es of ountin	
T <sub>2</sub> rin i es of ountin	
2 <sub>z</sub> quantitative et o s	
2 <sub>2</sub> e a nviron ent of Business	
zz quantitative et o s	
zz <sub>2</sub> Business t i s i tt i ith	
2 <sub>zz</sub> ana e ent nfor ation S ste s	
2 <sub>z</sub> rin i es of i roe ono i s i tt i ith	
2 <sub>z</sub> 2 <sub>z</sub> rin i es of a roe ono i s i tt i ith	
T <sub>2</sub> ntre reneurs i an e enture ana e ent	
zz <sub>2</sub> or orate inan e	
T <sub>z</sub> inite at i tt i ith	
T <sub>2</sub> rin i es of ana e ent	
T <sub>z</sub> erations ana e ent	
T <sub>z</sub> 2 Hu an esour es ana e ent	
T <sub>zz</sub> rin i es of ar etin	
<i>f</i>	
si ss it	

t ts ith th si si ss h s s th i  
 / si ss i s

Autore: *Arne Serrato, reaktor, roan, uruva, r Sari*  
 \_es ott

The ... t ... i ... ti is si t st ts  
 si i ti i st t s ssi t-  
 ts h s s ti i ti i i -  
 i t t t i its ti t t tt  
 si ss isi s  
 iti t th si ss i ist ti th ti i s

	its
	z
T <sub>zz</sub> z ost, ountin	
T <sub>zz</sub> n ivi ua n o e Ta	
T <sub>zz</sub> nter e iate, ountin	
T <sub>zz</sub> 2 nter e iate, ountin	
T <sub>zz</sub> , ountin nfor ation S ste s	
T <sub>z</sub> , van e, ountin	
T <sub>z</sub> 2; u itin	
T <sub>z</sub> , overn ent an, on rofit, ountin	
T <sub>z</sub> Ta tion for or orations an, t er ntities	
T <sub>z</sub> 22, , van e, u itin ss s	
2 2 i i	
2 i i si ss t t i	

Autore: *Issa, ise an, reaktor inator*

The ... t ... i ... i sis si t st ts s  
 i si ss t t s sth ti th ssi s  
 st t th t h s s th t th i st t  
 i th t is s st i th s ssi s i s  
 i th sis i si ss ti it  
 iti t th si ss i ist ti th i s i s

	its
	2
zz 2 ono i Teor - nter e iate	
zz one an Ban in	
zzz at e ati a ono i s	
z 2 oba ono	
zz Se inar on a an, ono i s	
zz Histor of ono i Tou t	
i h s si ss ti s	
2 2 i i	
2 i i si ss t t i	

^  
/ a u t , r , e n a n , r e a o o r i n a t o r , r e i s s a \_ i s e a n

$z^2$	nter	tura	o	uni	ations
$z$	t	ti	si	ss	
$2$	i	i	si	ss	t t
$2$	i	i	si	ss	t t

La ut r artin Bress er , rea oon inator r ia an en r , nne r avis  
 r es ie Hau en r , ae on , a a o ou os

Th t i t is si t i st ts ith  
 st i si ss ts t h i s ith i i-  
 s st s s titi si ss -  
 i ti s  
 iti t th si ss i ist ti th t i s

					its
					2

T $zzz$	ana	in	t e	oba	nter	rise
T $zzz$	r	ani	ationa	T	eor	r eve o ent an an e
h i	t	h	s			
T $zz$	r	ani	ationa	Be	avior	an ana e ent
T $zzz$	ssues	in	nviron	enta	ana	e ent
T $zzzz$	ea	ers	i	r eve o	ent	
T $z$	o	er	an	e	otiation	
T $z$	n	novation	an	e	fferin	r eve o ent
T $zz^2$	n	novation	an	n	tre	reneurs i
T $zzz$	'	inan	in	e	entures	
T $zz^2$	S	o	ia	n	tre	reneurs i
T $zz^2$	'	a	i	Business		
z	Business	onsu	tin	'	ie	erien e
h s						
$z^2$	oba	ono				
$z$	nterns	i				
th	-	si	ss	ti		
$2$	i	i	si	ss	t t	
$2$	i	i	si	ss	t t	

La ut r ie Bour e , rea oon inator r evon Ha ra et an r , ennis  
 a u a r ar ie ' i r , uri atsen o

Th i t st t i t ti st sis si t  
 i t st ts ith t ts ss si si ss i ti

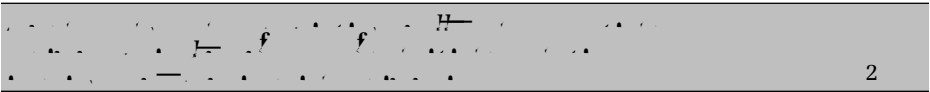


# Graduate Programs

Director of Academic Affairs

h

This is a thesis in the field of  
the history of the United States  
and the role of the federal government  
in the development of the country.  
The author is grateful to the  
committee members for their  
valuable comments and suggestions.  
The author also wishes to thank  
the family and friends for their  
support and encouragement.



---

T<sub>z</sub> 2. u itin

T	z	z	Ta ssues in Business e isions
T	z	z	2 Business nfor ation, Pro ess'ra e or an t e, u it
	z	z	er in Business an Te no o Tren s
	z	z	e-Business on e ts an Strate ies
	z	z	Strate i nfor ation Te no o
	z	z	oba Business an Te no o Strate ies
▮	z	z	one Ban in an 'inan ia nstitutions
▮	z	z	2 nvest ents
▮	z	z	nternationa 'inan e
▮	z	z	'inan ia ,o i
▮	z	z	is ana e ent
▮	z	z	, van e 'inan ia ana e ent
▮	z	z	S orts 'inan e
T	z	z	Staffin an ,perfor an e ana e ent
T	z	z	2 Hu an esour es nfor ation Te no o
T	z	z	e a a en es in H ana e ent
T	z	z	ntre reneurs i
T	z	z	r ani ationa T eor
T	z	z	r ani ations in an e an , eve o ent
T	z	z	Servi e ana e ent
T	z	z	S orts a
T	z	z	S orts ana e ent
T	z	z	,Pro e t ana e ent
T	z	z	Trainin an , eve o ent
T	z	z	o ensation
T	z	z	ana e ent of oba H
T	z	z	2 Strate i ,P annin - H a en es
T	z	z	Transfor ationa ea ers i
T	z	z	r ani ationa , ia nosis an Transfor ation
T	z	z	Benefits an ,o i ies
T	z	z	oba nter rise ana e ent
T	z	z	nternationa ana e ent erien e
T	z	z	as in ton erien e
T	z	z	tive,Pro e t earnin erien e
T	z	z	tive,Pro e t earnin erien e
▮	z	z	nternationa ar etin Se inar
▮	z	z	ar etin Strate Se inar
▮	z	z	S orts ar etin
▮	z	z	an in ar ets an , r ani ations

Th t shi is si t i st ts th t it t i  
i i i th st si ss it Th i t i st -  
t i i i it hi i s s i ti i  
- i t siti This ti ht i i st st -  
t t it t i t ts ss is-  
ssi s Th t shi is ti t shi t th  
i t i st t th s s i i ti



Thesis consists of the following parts:

ire tor r o an uruvi a

Th st i i tis s th i i i h  
h s th ish st his h s i s  
Th sisth thi t h s t s s t s t  
th t s i s t ist s s s  
s s ti s i s t ti ith th i t th

**BUSINESS/ECONOMICS**



# COLLEGE OF EDUCATION AND BEHAVIORAL SCIENCES

t s  
ti si  
T h ti s  
T h ti ti s  
hi h th h ist ti ti - )  
hi h th h i i ist  
ti ti - )  
ish s  
t i ti )  
i s ti ti  
i h h ti ti  
- ti ti  
s i i s T h ti ti s  
ti ti i ts  
si th t t ti  
hi t  
i si  
t is i i t is  
ti is i i t is  
i ti  
si th t t h i i s  
s h  
i  
t s  
st ti  
t ti ti ti s  
ii ti  
s ti  
i st ti  
ti i ist ti  
ti i sti i  
st tsi h isti s i  
st tsi s h

EDUCATION/BEHAV SCI





11.  $f(x) = x^2 - 2x + 1$

2 t ts i i itt i ti th i issi st t s  
(i i ti i ts th t sti t i  
issi is i  
z st ts h h i t t th i i  
t ist ti i ti ss s ith th i



h si t it ss hi hi i t s t ti ss  
shi

i ti st t i i hist i t i -  
i is i i t i i s ssi -  
t s is i st t i s

t ts sh th iti s ss t ti i th -

Th 2 ti i t st i ti th h  
ti t st ts th z t st ts

t ts st tt i z z ssi z z / z ti  
z 2/ z 2 t t iti s s i th ssi  
s z t tit s isit th s s

Th ttit i iti s th t i i th st t issi t th

t 2 hi h ssi ti

tt            t t            t i i t i            t i            s t            t s h  
                 i s s i            t            i t t            t            -  
                 i t h t h            i t            i t

                 T h i            t i i t s            i s s            t h            t t            T s            t t h            i            s i t  
Th s t t i s            t h i            t i i t i            s            i            t s            t

i si hi t i si t is i i t -  
 is ti is i i t is h si th  
 ti

*Aut in a Bru ba er oise Hu es i e e for*  
*r S aron e is orene o er ar o au e r erna. Peterson*  
*r a n\_ison*

Th hi t i s t si t h si  
 ti s i iti ti hi s  
 ss i si i it ti t hi t i ith  
 -t hi t th i sit Th hi t s t  
 t t h ti i ti

---

its

---

st t h ti i ti  
 This i st h s th s i iti t th  
 i si ith s

	its
	-
2 Hu an nato an , <sup>p</sup> sio o	
T 2,2,2 US Histor to	
T 2,2,2 US Histor fro	
2,2,2 eri an an Te as overn ent	
2,2,2 Hu an ro t an eve o ent	
2,2,2 S oo s an earnin	
it t	
iti	
	z z
2,2,2 oun ations of , in esio o	
2,2,2 Tests an easure ent in , in esio o	
2,2,2 S orts an fitness , tivities	
2,2,2 Stan an first i , <sup>p</sup>	
2,2,2 , <sup>p</sup> revention an Treat ent of S orts n uries	
2,2,2 , <sup>p</sup> sio o of er ise 2	
2,2,2 , in esio o ie Bio e ani s , z z z	
2,2,2 , van e e ness , <sup>p</sup> ro ra in	
2,2,2 otor earnin , z z z	
2,2,2 e ness an fitness in S oo s	
2 Senior Se inar esear in , in esio o	
2 2 Senior Se inar esear an ie , erien e in ,	

s t t t h ti i ti  
 T h s i ti h si ti it s s i i th si  
 h s ti s h t ssi ts i i i th s ss st  
 i th i si it th i si

	its
	-
2 Hu an nato an , <sup>p</sup> sio o	
	z
2,2,2 oun ations of , in esio o	
2,2,2 e ness for S e ia , <sup>p</sup> o u ations	
2,2,2 Stan an first i , <sup>p</sup>	
2,2,2 , <sup>p</sup> revention an Treat ent of S orts n uries	
2,2,2 , <sup>p</sup> sio o of er ise rere B .	

•	zz	inesio o	ie	Bio e	ani s	re re	,
•	zz	oun	ations for	Hea t	nstru	tion	
•	2	z	van e	e ness,	pro ra	in	
•	z	2	otor	earnin	rere	,	
•	s	ti	s	h's	,		
•	2	zz	2	zz	2	zz	zz
•	zz	zz	zz	zz	zz	zz	zz

iti t t i t i s  
 2 Th st tis i t i th i s s th sh i st  
 ti s th ti T i i si th ss ss t T i  
 i st i /

z ti th ti t i i ti i ti  
 t t th i t i th t i  
 Th ti s t ti i / i s th ti  
 t i i st t s s i s s t h i i ith th st t  
 i t i ith th th ti T i i ti i t s  
 th ti T i s s ti t  
 i i 2 ti s hi h s h

ti t s tis t s ti t h i st s  
 th i t i t s st ts i i t ti th th ti  
 T i i ti ( T s th i i s  
 Th s st ts i i ) ti i ti t i t th  
 th ti T i i ti i th i his/h th t -  
 t th ti T i i ti i ti t ts t t  
 i t th i th s i th i s h

t ti th i i ts is t th st t  
 i i i s ti

ti th t i i  
 2 T i i  
 z i i ti i st s s i hth i i t t s  
 h titis t sis s i  
 Th h titis s i s st t i t Th s i s  
 i s sh ts i iti s th t thi si  
 ths t  
 t ti th i st sh t is i ti th i i -  
 s tti

Aut or in a Bru ba er or oise Hu es or i e e for or S aron  
 e is or orene o er or aro au e or erna, Peterson or a n  
 i son

This hi h is i - i i ist ti i ti  
 hi h th h i s ti

2 / ti h i i s

T	2	z	z
			U S Histor to
T	2	z	z
			U S Histor fro
Ⓜ	2	z	z
			eri an an Te as overn ent
Ⓜ	z	z	z
			Hu an ro t an i eve o ent
	2	z	z
			S oo san earnin
			iti
			it t
	z		Pres oo urri u u an nstru tion
	z		in er arten urri u u an nstru tion
	z		ea in for, Pre-a o es ents
	z	2	z
			i, ren s iterature
	z		ea in an t e an ua e, rts
Ⓜ	z	2	z
			Surve of e tiona i, ren
	z		ssentia e ents of, rt
zz	z		ssentia e ents of usi
zz	z		ness an itness for i, ren
	z		ssentia e ents of at
	z		at for, Pre-a o es ents
	z		So ia Stu ies for, Pre-a o es ents
	z		ssentia e ents of S ien e



2 <sub>z</sub>	S o o s a n e a r n i n	
it	t	
iti		
z	ea in for, <sup>P</sup> rea o es ents	
z <sup>2</sup>	i, ren s i t e r a t u r e	
z	ea in a n t e a n u a e, r t s	
z	e r e n t i t e r a	
z	2 S u r v e o f e t i o n a i, r e n	
z	s s e n t i a e e n t s o f, r t	
zz <sup>2</sup>	s s e n t i a e e n t s o f u s i	
z	e n e s s a n d i t n e s s f o r i, r e n	
zz	s s e n t i a e e n t s o f a t	
zz	a t f o r, <sup>P</sup> r e - a o e s e n t s	
z	S o i a S t u d i e s f o r, <sup>P</sup> r e - a o e s e n t s	
z	s s e n t i a e e n t s o f S i e n e	
z	a n u a e a n o n e t, e v e o e n t i n o u n i, r e n	
z	<sup>P</sup> r e s o o u r r i u u a n n s t r u t i o n	
z	i n e r a r t e n u r r i u u a n n s t r u t i o n	
z	t i i t i s T h	
z	u r r i u u a n n s t r u t i o n i n t e e e n t a r S o o	
z	2 T e S o o i n U S S o i e t	
z	v a u a t i o n a n o u n t a b i t i	
z	t i o n e s e a r	
	S t u d e n t T e a i n i n t e - a s s r o o	
z	2 S e n i o r S e i n a r, <sup>P</sup> r a t i u i n a r i, o o	
z	2 S e n i o r S e i n a r a s s r o o a n a e e n t	
ith	i s i i t i i t i	
h	t i s t t t z h s	
t	t t s s i s t t i i t i j	
s	i t i t i t t z	

s s i i t t i t i

z	th s T hi	
z	isiti	
z	Th i ti	
z	i isti s	
z	t ti ith t t s	
z		

/ ti h i i s

i ti

2 2	i i	i	s i	i	i	ti	
z	i	sis	s i ti	T hi	ti	hi	
z	T hi	t t i s i	i	ti			
zz	th	hi h	iti s	ti i ti	ti		
zz	st ti	T h i s	ssisti	T h			
	h si	i	s				

1.1.1

Aut in a Bru ba er, roise Hu es, ra es onson, i e  
e for, r S aron e is, orene o er, r aro au e, r erna  
Peterson, r a n, i son

This ti i ti s th ti t ts t ti  
i it t i s st hi ssi s - t  
s i ti - h si ti i si i  
hi h s h ti i ti s i ti th

		its
		-
T 2 2 z z	T e Unite States to	
T 2 2 z z	T e Unite States to, Present	
2 2 z z	eri an an Te as overn ent	
zz z	Hu an ro t an, eve o ent	
2 z	S oo s an earnin	
it t		
iti		
		zz
2	tion esear e tensive resear outsi e of ass	
zz	Tea in ontent, rea ea in S i s	
2 z	2, Surve of e tiona i, ren	
z	u ationa i ations of Te no o	
z	urri u u an nstru tion in t e Se on ar S oo	
z	2 T e S oo in US So iet	
z	va uation an, ountabi it	
z	van e, i ations of urri u u an nstru tion in Se on ar S oo s	
z	Stu ent Tea in in i, e ra es	
z	Stu ent Tea in in Hi S oo ra es	
2	Senior Se inar assroo ana e ent	

t ts s i ti i ti i - h si ti  
i t z z i i z z

ti h i i s /

1. *Aut*

*terna*, Peterson

t t s s t i t h i t i i t t t  
s t h i s s s t h i s i t i t i t s i t h  
s t t t ( - 2 ) i t i t i t

its

*ea in for*, *rea o es ents*

*ea in an an ua e rts*

*an ua e an on e t i eve o ent in*  
*oun i, ren*

*ia nosti an res ri tive Tea in for*  
*e tiona i, ren*

*Tea in Strate ies in S e ia u ation*

*ro t , bnor a ities , entifi ation, va uation*  
*of ar i, oo*

*nstru tiona Te ni ues an ssistive Te no o*  
*for, si a aire earners*

*er ent itera*

*ssentia e ents of at*

*at for, re, o es ents*

*i i i i i si*  
*i ti*

	its
	-
	2
enera	o o
bnor a	o o
ntro u tion to Statisti s for t e Be aviora S ien es	
eri enta	o o
Histor an T eoretica S ste s in	o o
sio o i a	o o
h s t s s th i ist	z z z
z z z z z z z z z z z z	
2 2 Senior Se inar in	eri enta o o
2 Senior Se inar in	eri enta o o

aut r on Ho ann r an i son

i is ts st ts i s i s i  
s h i i h s i s h i i ist ti

# Graduate Programs

The following information is provided for the purpose of providing information to the public regarding the graduate programs of the University of California, San Diego. The information is provided for the purpose of providing information to the public regarding the graduate programs of the University of California, San Diego. The information is provided for the purpose of providing information to the public regarding the graduate programs of the University of California, San Diego.



T  
thi t -si (z) s st h s ith ti st t st t th i

z

i, ren , o es ents an earnin

z SbT\_S i i , i \_ , i Sa f , f ie\_ , i ebbbbe b b ef b StTt

si This i t i ith issi th ti  
 t t h i This s st h t ith  
 tt ithi s s issi  
 T th i s ti st t st t th  
 i thi t -s s st h s ith ss th

2	Surve of e tiona i, ren
	assroo ana e ent
	T e S oo in a u ti u tura So iet
2	esear Te ni ues an, Pro e ures
	Prin i es of ui an e
	ounse in Pra ti u
	areer nfor ation an areer ounse in
	t i a an, Professiona ssues in, s o o an ounse in
	et o s an Te ni ues in ounse in



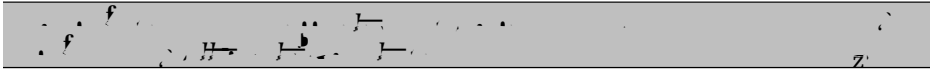
T h i t i t s i s s t h t t T s t t h i s i t  
 Th t t i s t h i s t i i t i s i t s  
 t t i i s t h t t t t i i t i t h  
 i s i t h i t s s i t h i s t t t s h  
 h i t h t i t i t s  
 This t i s t t h t h i i s t t i -  
 T s t h t i i t i i t h s i t i s i Th s t t  
 s t t i s s i t t i t i i t i i t s t h  
 t i h t i i t i t t h t h t i i t i i  
 s s i s i s s T s s t h t i i t i  
 i i t i h s i t h t h i i  
 t i i t i i - s i t h i s s s t t i t h  
 s s t h

---

. f . . . . .  
 . f . . . . .  
 . f . . . . .

---

ti i ti i - h si ti th i s s st  
t ith ss th



z	u ationa	i ations of Te no o
z	van e	i ations of urri u u an nstru tion
z	in Se on ar S oo s	
z	assroo	ana e ent
z	2 e entar S oo	urri u u an nstru tion
z	i, ren	o es ents an earnin
z	T e S oo in a	u ti u tura So iet
z	2 esear	Te ni ues an Pro e ures
z	2 Surve of	e tiona i, ren
zz	ontent	rea ea in
h s	t	ti si ti i s i i iti
ti i ti	t	ti s sti st tt hi

Th i s ti thi t -si (z) h s h st ts  
ti i ti h th h t th i

T h i t i i t s i s s t h t t T s t t h i s i t  
 t t i i s t h t t t t i i -  
 t h i s i t h i t s s i t h i s t  
 t t s h h i t h i t i t s  
 T h i s t i s t h t h i i s t t i s t t  
 - i s t t i i t i T h s t t s t t i s s i t t i  
 t i i t i i t s t h t i h t i i t i  
 t t h t i i t i i  
 T h i s s s t t i t h s s t h

z	2 Surve of e tiona i, ren
z	assroo ana e ent
z	2 e entar S oo urri u u an nstru tion
z	i, ren o es ents an earnin
zz	at for, rea o es ents
z	So ia Stu ies for, rea o es ents
z	S ien e for, rea o es ents
z	ea in an t e an ua e, rts
z	ea in for, rea o es ents
z	2 Tea in ea in t rou i, ren s iterate
z	an ua e an on e t, eve o ent in oun i, ren
z	res oo urri u u an nstru tion

i t i t t h i s s t i i t i i s s t t t h i  
 i t s s s s t i t t  
 s t t t i i t i s  
 s t t s t t t h i s s t t i t h  
 T h t i s i s t h s s s s t t s s t h  
 i t t s t t t i i t i s  
 - i s t

z s h  
 z i - s t s  
 z 2 t i h i  
 z z 2 t h - s t s  
 z 2 t h  
 z h i s t s i  
 z T h i i t h h i h 2 s s  
 (i t s h i )

T h i t i i t s i s s t h t t T s t t h i s i t  
 t t i i s t h t t t t i i -  
 t h i s i t h i t s s i t h i s t  
 t t s h h i t h i t i t s  
 / t i h i i s

This is a study of the history of the institution of the State in the United States. The study is based on a review of the literature on the subject. The study is based on a review of the literature on the subject. The study is based on a review of the literature on the subject.

	Content, re- ea in	z
2	Survey of the history of the institution of the State in the United States	
z	Constitutional provisions of the State in the United States	
z	Student evaluation of the institution of the State in the United States	
z	van der ... i ations of urri u u an nstru tion	
z	in Se on ar S oos	
z	assroo ana e ent	
z		

T h i t i t s i s s t h t t T s t t h i s i t  
 t t i i s t t t t i -  
 t t h i s i t h i t s s i t h i s t -  
 t t s h h i t h i t i t s  
 T h i s t i s t t h t h i i s t t i i -  
 s t - t i t i i i s h t s i T h s t t  
 s t t i s s i t t i t i t i i t s t h  
 t i h t i t i t t t h t i t i i  
 T h i s s s t t i t h s s t h

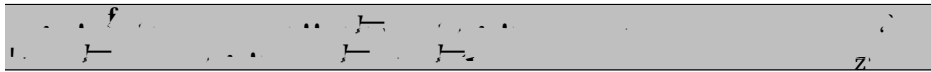
2	Se on ar S oo urri u u an nstru tion
z	van e i ations of urri u u an nstru tion
z	in Se on ar S oo s
z	assroo ana e ent
z	i, ren , o es ents an earnin
z	2 Surve of e tiona i, ren
z	et o s of Tea in S
z	an ua e an on e t, eve o ent
z	

st ts si - - 2 s sth t stt t - (2 h s  
t s i thi si t hi i t t i t  
th

T hi ti i t s iss th t t T s t th i sit  
Th st t is t h i s ti i ti s i ts  
t t i i s th t t t ti i ti  
th i sit h i ts s i this t t -  
ts sh h ith th i t i ts  
This ti st th th i i st ti i -  
s - ti i ti i th s i s i st i s Th st t st  
t issi t ti ti i ti i ts t h -  
ti h ti i ti t th ti i ti i  
Th i s s st t ith ss th

z	2 Se on ar S oo urri u u an nstru tion
z	van e i ations of urri u u an nstru tion
z	in Se on ar S oo s
z	assroo ana e ent
z	b

i ti s i h s  
 ss t  
 hi s ts i  
 2 h  
 T hi i th hi h 2 ss  
 ( t shi )  
 st ts s i - - 2 s st h t st t t -  
 (2 h s t s i th i si t hi  
 i t ) t i t th  
 t ts t i th i i ti i st ti Th t  
 i th i ts th i i st ti ith  
 i i ti i st ti Th t i th t t -s  
 (2 h s i st ti t h s i th i th  
 ss ss t s st t ith  
 ss th  
 This i s th i thi t -si h s



z	Internet esource ana e ent
z	2 S ste s T in in Teor an i ation
z	2 nstru tiona Te ni ues an ssistive Te no o for si a aire earners
z	2 u ti e ia nstru tiona Strate ies
z	Te no o n an e nstru tiona esi n
z	u ationa i ations of Te no o
z	i ren o es ents an earnin
z	esi n of Print Base e ia
z	istan e earnin
z	S oo in a u ti u tura So iet
z	2 esear Te ni ues an Pro e ures
z	22 urri u u an nstru tion



z	Internet esource ana e ent
z	2 S ste s T in in Teor an i ation
z	2 nstru tiona Te ni ues an ssistive Te no o f oS b b ef Se b bf b

Thi ti t s iss th t t T s t th i sit  
 Th st t is t h i s ti i ti s i ts  
 t t i i s th t t t ti i ti  
 th i sit h i ts s i this t t -  
 ts sh h ith th i t i ts  
 This ti st th th i i st ti -  
 ti i ti i i ti - 2 t s t s t t h st ts  
 ith h i i iti s s  
 i ts ith h th i T st hi -  
 ti i t st t issi t ti ti i ts  
 t h ti i ts h t ti i t t hi T s t  
 i t t th T t th t h ti  
 i ts i t t issi i ts th -  
 s

Th i s s st t ith ss th

z	ea in for <sup>p</sup> rea o es ents
z	ea in an an ua e rts
z	2, Surve of e tiona i, ren
z	an ua e an on e t, eve o ent in oun i, ren
z	ia nosti an <sup>p</sup> res ri tive Tea in for e tiona i, ren
z	Tea in Strate ies in S e ia u ation
zz	ro t , bnor a ities , entifi ation an va uation of ar i, oo
zz	nstru tiona Te ni ues an , ssiste Te no o for <sup>p</sup> si a aire e arners
z	er ent itera
zz	at for <sup>p</sup> rea o es ents
z	2 e entar S oo urri u u an nstru tion
z	i, ren , o es ents an earnin -

iti t this s ti i ti i s st t t hi  
 i t s ss ti t t  
 st t s  
 t ts st t th i s s t t i t th  
 T h ti si st h s s s st ts st ss th  
 i t t st t ti i ti s

- 2 i ti

i - s ts  
 z 2 ti hi  
 z i sti s i ti T hi ti hi  
 z T hi t t i s i ti

ti h i i s /



z 2 t h  
z hi s ts i  
T hi i th hi h 2 ss  
t shi  
f  
This ti st s t ti i ti i ish s -  
t h) st h s s th i T st hi ti i t t i  
t th i i st ti si t isti s

T th s ti i sti i th st t st -  
 t th i thi t -si (z) s st h s ith ss th

z	u ationa i ations of Te no o
z	i, ren o es ents an earnin
z	er ent itera
z	an ua e an on e t, eve o ent in oun i, ren
z	2 Surve of e tiona i, ren
z	ia nosti an, Pres ri tive Tea in for e tiona i, ren
z	Tea in Strate ies in S e ia , u ation
z	ro t , bnor a ities , entifi ation an va uation of ar i, oo
z	n ivi ua , s o o i a va uation
z	ra ti u in, ia nosis
z	u ationa , raisa of Han i a e Stu ents
z	van e , ssess ent in S e ia , u ation

T ssi ti i ti s ti i sti i th st t  
 st t th thi t -si (z) s t h s ist th  
 i t s h s ss t th ti i ti i ti i

st t t this i T T 2 T is T s -  
 ti i t h s Th s i i i s st t i ts i sit  
 st ti issi s s t i ts st t  
 ti i s s T - T - i s ,

•	z	Prin i a s of Hu an, eve o ent
•	z	2 easure ent an, raisa
•	z	et o s of rou, Pro ess
•	z	ini a, s o at o o
•	z	i tions an, o u sive, isor ers
•	z	ristian nte ration Se inar
•	z	2 esear Te ni ues an, Pro e ures
•	z	Prati u in ounse in
•	z	areer nfor ation an, areer ounse in
h s	•	ti s

i t issi t th i h isti s i t  
 st t th i i ts issi t  
 ithi th sts t s i it i sit  
 ith i s h th i ts t i t s s

t ts stb itt t th h t t  
 i t t i s  
 2 Th st t stb itt t i i t i th  
 z Th st t st t i i t - i t h s  
 Th s s s sth t ith t - i t  
 s ith ss th ith i ht s st h s t th  
 Th st t st i th ti th t t h -  
 i i s s s tis t ti h si  
 i ti  
 Th st t sts tis t i t ti s ti s  
 sit s is s t s is s  
 T th i s h st t st t th i  
 s ith s ss th

z	t i a an	Professiona	ssues in	Ps o o
z	an	ounse in		
z	2	Ps o o i a	Pers e tives on	arria e t e' a i
	an	i ren		
z	z	et o s an	Te ni ues in	ounse in
z	z	2	T eories of	ounse in an Ps ot era
z	z	Ps o o	of earnin	
z	z	2	So ia	Ps o o
z	z	Ps sio o i a	Ps o o	
z	z	Ps rin i a s of	Hu an eve o ent	
z	z	2	easeure ent an	raisa
z	z	Ps n i vi u a	Ps o o i a	va uation
z	z	Ps areer nfor ation an	areer ounse in	
z	z	Ps et o s of	rou	Ps ro ess
z	z	Ps ini a	Ps o at o o	
z	z	z		

t i ti i s s i i t itt i t th  
Th st t st h i s t st th  
tit ti ti s th Th s st t st -

iti th i it i i ss issi

st t ith t st i s tt th  
tit ti ti s<sup>Z</sup> th ts th i ts is-

st t h h s 2 t i s t  
st th ts th i ts<sup>Z</sup> issi

st t h h s i s t st t ss th th  
tit ti ti s th i<sup>Z</sup> tt ts th  
i ts issi

st t s t t th ti s th st t st  
i t i ith th t t h i ith th th  
issi itt th t t h i i s t -  
iti itt t th i s h

issi t s i i is t ss ith t t issi  
t th i sit Th i sit i sth t i i s s t  
i t th ti T sti i ( T i ti t i s  
st t t st th (Z) s i t ist ti th s st  
i hi h ish st

t ts st itt t th h t t  
i t t i s

2 Th st t st itt t i i t i th  
Z Th st t st t i i t - i t h s  
Th s s s sth t ith it i t s<sup>Z</sup> s-  
t h s t th -

Th st t st i th ti th t t h -  
i i s s s tis t ti h si  
i ti

Th st t st s tis t i t ti s ti s  
sit s is (s) t s is (s)  
t i i ts i ts t th T s t t -  
i s s h ist s h i ss i t i s t th T s t t  
s s s i s s s ssi  
s s tis i i thi s t ts i th -  
i t i i z s s i ist<sup>Z</sup> h s<sup>Z</sup> h<sup>2</sup>  
Z i t i i z s s i ist<sup>Z</sup> h s<sup>Z</sup> h

# COLLEGE OF NURSING

ss i t t s i si  
s ith isti ti  
h s t i /  
T s si t ts  
h i i si  
t i t )

**NURSING**

# **COLLEGE OF NURSING**

---





1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

		are of n ivi ua s			
	z z	are of a i ies it enta Heat , <sup>p</sup> rob e s			
		are of i, bearin / a i ies			
	z	are of a i ies it i, ren			
		<sup>p</sup> rofessiona ssues an , ursin ana e ent			
T	T	T	F	T	2

mean (r) an ui

Th i t s t s t h th h i th h  
i t t i ti i i i s i i s  
s iti s Th is i i  
t si st ts Th st ts t iti s s si t  
th i i i s t ti Th s  
t s t t th i ti ist s i s  
th T s si

mean (r) an ui

$\frac{z}{z}$   $\frac{z}{z}$  n is o osition

$\frac{z}{z}$   $\frac{z}{z}$  n is o osition

$\frac{z}{z}$   $\frac{z}{z}$  T e o uni ation,  $\frac{p}{p}$  ro ess

2  $\frac{z}{z}$  Hu an nato an  $\frac{p}{p}$  sio o

2  $\frac{z}{z}$  Hu an nato an  $\frac{p}{p}$  sio o

ntro u tor i robio o

ntro u tor e istr

T  $\frac{z}{z}$  at for riti a T in in or i er

☛  $\frac{z}{z}$   $\frac{z}{z}$  enera  $\frac{p}{p}$  s o o

☛ 2  $\frac{z}{z}$  ntro u tor Statisti s for t e Be aviora S ien e

☛  $\frac{z}{z}$   $\frac{z}{z}$  Hu an ro t an i eve o ent





t i ts	
it h i ti / i si s s	z
ith i si s s	
T T T T T	z <sup>2</sup>

s t th s s i ti s ti th th i -  
 ti i s i i s t t

# COLLEGE OF SCIENCE AND MATHEMATICS

t s  
i  
i h ist - i  
h ist  
sit i  
i i  
th ti t i s  
th ti s  
h si i  
h si s  
 ssi isi isi i siisi i si s



# College of Science and Mathematics

---

*mean, r, oris, \_ arren*

Th i th ti s s ith ti s  
s i i h ist - i h ist th ti s  
h si s ti s s st ts s i t h ti i -  
ti sit s i i s i th ti st i s h si s i-

Th i th ti s t s itt  
t t t hi s h - - i t ti s ith t  
s th i this s h t iti s ith t  
i t t s t ts s t ti i t i s -  
i t shi s s h s t th i siti s s hi sti-  
t ti s  
s i T i \_ , h s

its

\_\_\_\_\_

2 2 e u a r a n o e u a r B i o o

2 2 B o t a n o o a n t e r i v e r s i t o f i f e

2 n i a S t e s

i r o b i o o

e n e t i s

2 2 t t i t h t s i i

i i h s i t i s

t h h s 2 2 t i i

\_\_\_\_\_

2 2 S e n i o r S e i n a r

2 / 2 2 S e n i o r S e i n a r

P r i n t e s o f e s e a r

\_\_\_\_\_

2 2 2 2 i s i t s i s i h i s t i s s  
i s h s s i s s z z z z z z z z z z  
h s t h i i s s z z z z z z z z z z  
z 2 z 2 z z z z z z z z z z

\_\_\_\_\_

2 t h i t h t i s t h i t i s i i

2、Senior Seminar see the from B B ✓ Bio sis ✓✓✓✓✓✓	
2、Senior Seminar see the from B B ✓ Bio sis ✓✓✓✓✓✓	

The history is important to the history  
with the history

air or Treason  
author Tai'abre'one for Robert Toer  
rri'anae'eb'e'roris'arren

The history is history with this  
the history is history with this  
history is history with this  
history is history with this  
history is history with this

	its
sti T 2 a u s	
sti 2 si s	
sti 2 2 si s	
2 enera e istr	
2 enera e istr	
2 2 quantitative na sis	
z z r ani e istr aborator	
z z 2 r ani e istr aborator	
z z z r ani e istr	
z z z z r ani e istr	
z z o ern na ti a Te ni ues	
z z van e e istr	
z z Bio e istr	
z z ntro u tor si a e istr	
/ 2 Senior Seminar rin ies of esear	
2 2 Senior Seminar	

The history of the botanical sciences is a story of the discovery of the laws of life.

The history of the botanical sciences is a story of the discovery of the laws of life.

its

stia T 2 a u us

2 2 e u ar an o e u ar Bio o

2 Botan o o an t e iversit of ife

2 ni a S ste s

2 eneti s

2 2 si s

2 2 si s

Bioana ti a et o s

i i s st h s

ti s



---

•  $2 \frac{2}{z} i^p$  si s

---

---

t    ts s    i    hi h s h    s    i i ti    i    th    ti    st    i s  
2    i    t t    h    si    th    ti si    i    T    z z z    z z z  
      zz    zz    z    zz    zz z z        s i s i    s    T z z z    z z z

---

---





z i robio o  
 z enera ,P sio o z zz ,P at o sio o  
 z o arative ertebrate nato  
 2 enera e istr  
 2 enera e istr  
 z z r ani e istr aborator  
 z z 2 r ani e istr aborator  
 zz z r ani e istr 44  
 zzzz r ani e istr 44  
 z z Bio e istr  
 T z ,P re a u us at e ati s  
 T 2 z a u us  
 P 2 z ,P rin i es of ,P si s  
 P 2 2 z ,P rin i es of ,P si s  
 P z z enera ,P s o o  
 P 2 z ntro u tor Statisti s for t e Be aviora S ien es

z z z 2 2 isit s z z z z z z  
 zz z zzzz t i zzzz z z isit s zz z z z z z z 2  
 zzzz

ire tor r Susan oo  
 oor inator at a es  
 t ts h t t th i h t th isit  
 s s t st tist i sit h i issi t s h  
 h  
 This is i t th st t i s s t s s i h

zzzz	r ani	e istr	44
z z	o	osition an	iterature
z z	o	osition an	iterature
T 2	z z	T e Unite	States
T 2	z z	T e Unite	States
	iti s	z h	s
T 2	z	a u us	
ph	si s	- h	s
z z	ntro u tion to,	po iti a S ien e	
z z	eri an an	Te as	overn ent
z z	enera	ps	o o
z z	ntro u tor	Statisti s for t e Be	aviora S ien es
z z	T e o	uni ation,	pro ess
ts	z h	s	

2 z z 2 2 isit s z z z z z z z z  
 zz z zzzz isit s z z

ire tor r Susan oo  
 oor inator at a es  
 t ts h s z t

	2	enera	e istr	
	z z	T e o	uni ation	Pro ess
	z z	o osition an	iterature	
	z z	o osition an	iterature	
Th		iti	h si	ish
T	2	a	u us	
•	2	si	s	
•	2 2	si	s	
•	z z	enera	o o	
•	2 z	ntro u tor	Statisti s for t e Be aviora S ien es	
•	2 z	bnor a	o o	• z z z Hu an ro t
		an i eve o	ent	
	z z	rin i es of So io o		

2 z z 2 2 isit s  
s h s i t 2 2 i st z z

• • • • •

ire tor r Susan oo  
oor inator at a es

t ts h t t th i h si i ssist t t th -  
isit s s t st tist i sit • i issi t  
• h s i i i t i is h i

z z r ani e istr aborator	
zz z r ani e istr	
z z o osition an iterature	
z z o osition an iterature	
T 2 z z T e Unite States	
T 2 z z T e Unite States	
T z z o e e ebra	
t tisti s(z h s)	
i / h i i (z h s)	

2 z z 2 2 isit s  
 s h s i t 2 2 i st z z z z z  
 s t th s s i ti s ti th z th i -  
 ti i s i i s t t  
 t ts sh h ith th ssi s h s t t i hi h  
 i s s i



COU

C P O

---

i t t i t t h i t i t i s i s s i s s t s t i s t h  
i i t i t i t i s s t t h t t s t h i s t h  
t i t i s i t h i t h s s t i t i t h s i i i s t t t s -  
i t s i s s h s i s t h s t h s i i s t t t s t  
s i s s i t i s t t i s i s

i t t s s i s t h h t t h i t i t -  
i t h t s t h s i i t h i t i t i s  
t t s i t t i t s t i t h t i  
i t i s s t t i t i i t s t s i s t s t  
t i h i t s t i s i s s s h s s -  
s t i s t t i t s s t i t t  
t i i s i t i t i h t t t t i t h  
t i i t i s t

i - t h s t t h t i t s s s i i t h i  
s i s s t i s t t s i i t t s  
s i s s t i i s t i h t h s t t i s  
t i s s t s s t t h s t s t t t s  
t i i s i t t h s t s

i t t s t i i i t t s s t-  
i t h i t i i t i i i s t T // t

i t st i i thi t h s h h it i s  
t it ti st t t i i sti ti s s t  
ti s

t i ti t ti i i s t s  
i i si s isiti s s i t i i ti t-  
shi ti i t s ti s i t s ti  
s ts ti s s t t t it  
titi s ti ti ti s

t s si i its i ti s th ti  
s si ss t is s ti s th t t s  
ii ii it s i i s t s its thi s th ssi

i ti i i ti i i st t titi s it  
i ti s tis ti st ti ti ti s  
i s ii i i s t



This s s th s i s h t ti i ti is h t it s  
h it is s t ts i i i i st t ts t i h t th  
-s i i it i s th t tsi th ss Th s i t -

i s th st t s ith h it h -th t h i s -  
i tt i t ti ith ti i i i th  
s h th t ss sth i i i h si

Th s s s si is s si i s i i s t tt  
ith h sis th h i t i i t  
i st i s th t i ti i th st ts ti t tt  
s ht i

Th s st i i s s s si t ith st t ith  
th ssi i ti s i s i ti i h st i ti t ts  
t s i ti th i



t ist    <sup>zzz</sup>    it    i    t ist    i    i    t st    i  
s h s th    tis t    i    i    t    ts i    s i -  
h th i tt    i    i    t s t    st th h h s s s  
i s    sit    t s i    h    i    s

ff

This s is s th i is s i sth h  
h si t th is s sti t t t h s Th i i -  
s i t is s i i si This s i s  
s st h it t s s i s

f

This is s i s hi h s sst t t th i i s i -  
t t h i s i i i ti i ti th s s h s ti ti  
i i ti i i ti ti s i i h ist  
s t h t t hi h i s i s h t i i t th i -  
i i h i s i s

f

T is s t s i s s t s s i i i ti s st  
This i i s h t i s s i i t h i s i i -  
t t t i t s t i  
i i z h s h h it s i

ff

1.  $\int_0^1 x^2 dx = \frac{1}{3}$

2.  $\int_0^1 x^3 dx = \frac{1}{4}$

3.  $\int_0^1 x^4 dx = \frac{1}{5}$

4.  $\int_0^1 x^5 dx = \frac{1}{6}$

5.  $\int_0^1 x^6 dx = \frac{1}{7}$

6.  $\int_0^1 x^7 dx = \frac{1}{8}$

7.  $\int_0^1 x^8 dx = \frac{1}{9}$

8.  $\int_0^1 x^9 dx = \frac{1}{10}$

9.  $\int_0^1 x^{10} dx = \frac{1}{11}$

10.  $\int_0^1 x^{11} dx = \frac{1}{12}$

This s is i t t st th i i i i h s t  
i is ssi s t th h is s s i s i i  
s s s s i i i h s s h s t i sit T  
t i sit ti s t ti si i ss t s  
ti ti This s i s s st h it t s ssi s  
s s

This s is si st ts si i i th h th ssi s  
ts ist i t st ts ith h th s th s ti th ti t  
th ti ts i th i i t ts s s t s  
h s t Th th ist s it i th i s st th i ts  
i tt t i t ti ss s t Th th ist s-  
it i ith th i ts s t th h s it ii  
st ts st st t ti t i t st ti s ss  
i h i t i i th i t s i t Th th ist s-  
it This s is ss- i sis t i t

This s is s i i i th st ts i s -  
t s ssi s This s i s s st h it

s i t ti i i ith h sis i h th i-  
s is s- si ts is ss s s i isi ti st i-  
i ti st t ith si ti i t i ti t s  
s st h it t s ssi s This s t t it  
t

T i s s t s st t s th i i ti s st

This s i s th st t h si st i t i  
i i ts i i s i s s i s t ts i -  
th s s i t s i th ss st th st t ti s  
h s st s is s s This s t t itt  
th i

Th s s ith th t i s i ti ti s th s st s th  
h i h sis is th i t ti shi t st t  
ti ith i t h st sis i th i i i i This s  
i s s st h it t s ssi s

Th s s ith th t i s i ti ti s th s st s th  
h h sis is th i t ti shi t st t  
ti ith i t h st sis i th i i i This s  
i s s st h it t s ssi s

This s is i i s T i si i i h ist -  
st t ti t s ti s ti s th -  
sis st i si h ist is hi h st ts  
ist i this s

isit 2z z  
This s is i i s T i si i i i sit t  
i it th th ti This s i s s st h  
it t s ssi s

isit 2z z  
This s is i i s T i si i tiss s  
s st s i st t ti i ss s This s i s  
s st h it t s ssi s

This s h s si t i t - ssi st ts i i -  
tist h si th t t h ti th si t  
s i s ss ti i th s ssi s This s i  
ss th st t i i th h th i s st i thi s  
h th ss ss tt h i s t sist s ss t ti  
ti iti s i ht th t ti th s i i st i s titi  
t i s h / i h th s t st tst i this s i  
t st t s i s ti th i s st This i  
h i i i s i s siti s i s h / i h th  
s t t ti This s is t  
ti th i s

t iti t is is si t i t th st t ith th ti-  
tsi h th th h si th st i t sti t t th i t ti-  
ti i ti ti i i

This s is st th i t ti shi s th t th i t -  
ti s is s ith th i i t sis ti s th t  
h i th i iti s th i t th h si t s i  
t i t iss s i s i s s i t h i s i  
st i s i h si This s i s s st h it -  
t s ssi s This s t it th i



This s is s th i is s i st h h  
h si t th is s sti t t h s Th i i -  
s st h it t s ssi s s s z

st st t ti h si i th si  
i ts i Th i t i ist ti i i -  
ith i ti s i Th st t i ti  
st i th th th i s s st s s st  
i s st i sti s st t s st s -s t s st  
This s i s s st h it t s ssi s

This s st is i ts i s st s ti  
i t s ii it s ti i t h i s i st is i  
h si sis ti si thi it i s i This  
s i s s st h it t s ssi s

This s s ith th h s sis i h it T is  
i i i h it ti ti s -  
ti s This s i s s st h it t s ssi s

This s s ith th ti s t s st si t t s ith th  
t h sis h s h is s i ti i ti s i ti  
t s issi s t ti i ti i sti is-  
ss i ti This s i s s st h it t s ssi s

ti st th t s t ti t t s hi h st ss st h  
tt s i t ti shi t t s ti is s i  
st i th ti s t t s s st s This s i s  
s st h it t s ssi s

T is s t sis st ts s i ii ti s st  
This i i s h t is s h si it is s s h si-  
i i h i s t ti s h t t  
t i t s ti i i z h s  
h h it st i

This s i i t th th is sis t i ist  
T is i ss i th ti i th s s th i

... f ...  
p i i s s his i s i s t i s i t ti  
t s h th s ith h sis th hi s h s h i -

This s s ts t tsi i t h ti i i  
T i s i i t i s i i s

st th i t si ss th i s i t th i i  
ss t ti h s s i t th t ts t ts  
i t t t s s t i ith is i i ti its  
ti t h s s

This s i s h t i s s th i  
h s s i i t ti s i i st i sti  
st i -t i i th th t i s i sti i  
t i sh t -t i sti i st t s i h i s  
th ti ts i s s s<sup>1</sup> zz<sup>2</sup>

i t ti t th ti sis i isi si  
t s th ti s si i th is tit is ss

Th th si ss thi s ss ist st ts s ssi si  
ss This i hi h i st ts  
i ti i th thi i i ti s s t s i th i s  
si ss ti sth i t i i t ti t i  
i t i s iss s is h ti thi s st th ti  
iss si i i th thi s st t si ssiss s i t i si  
hi s hi t ti s si ss thi s i thi i i  
si th t h t s t t si ss thi s  
i i ti Th ti h s siss s i sit his-  
t i iti hi i s ti i is ss s t th  
i ti thi i i s

This s is si t i t st ts t th i i s th s ti s  
hi i s ith h sis h ti t iti s  
ths i ti i ti st ths s t tt siti i t -  
i i t i ssi i t (i i  
h ss t i i i s it its h th -  
its th s t h i hi i s

i t st i i thi t h s h h it i s  
t it si ss i ist ti st t ti i sti ti s  
s t si ss i ist ti s

it t i t ti i s si t it tti - si ss  
t i s iss ss h s - si ss ss s shi t -  
shi t h h sis is i t ti h s s  
iss s Th s th i i is th t i i i i iti ti  
s s i i t i iti t s i s i thi i i t st  
Th s i is si t i th st t ith th si t s s h ith  
si i i t it t i th i st

ti i ist ti i i th si ss i ti t t s i -  
i s ti s i i s s s s s ti s s i i -  
ti s isi i i ti ti s si ss thi s s  
his s

This s i s ss ith i t ti t i s th st -  
t ith i t t t ith s ti i th t i s i t ti  
t i is s h t th th s ss ti i si i i s  
si ss ss- t T ti t h T h T h

s i s i s i t i t h i t i s t i t s t s  
s i i i s t i h i h i i h s i t s t  
is i h s s t h it T i s z t s s t th  
s i s t t i t s t

This s i s i s i i h i h i i h s  
s t i s i i i - s h t h i s  
i s t t i t t h i s i t i t h s  
s i s h i This s s t t i -  
i t i t s t t t h i t h s s t i t t t h i s i t  
t t s i t i t h i s s s t s i t i t i t t h  
i t t s t s s t i s s 2 z )

This s i s t i s t i i i t i i t i  
i i t s h i h i s t s i t s i -  
t s s t s t i s i t s t i h i h s t t  
i s t t t h i t h i t i s s 2  
2 )

This s i s i - t h s t i s t i t i s s s  
z 2 / z 2 z 2 / z 2 z )

t i s t h i s h i t t h t h i s  
i h s i t h i s i t t s t t t h t h  
t i i t i s s z / z z / z )

This s i s i t i i - t h s t h i t i s i t  
i i s t t i t h h i t i s i  
s s z / z )

This s i s t h s t i s i t h i s t i s t i s -  
i t i s s i t i t i s s t i i h s i i t i s  
t h s i s s t i t s s s s  
z / z )

this s s t t s i t i t s t t h  
t i i t i t i i t t i s t i i t t h t  
i t i s s z / z z / z  
z / z )

This s is ss s s th t ts i i i i  
i i h ist s th i s i i i This s  
i s s st h it t s ssi s This s t  
i t h ist

T i s s t i sis st ts i i i ti s st  
t i

This s is s i s tis i t ti t h i ti s th  
i t ti s st ts tt t i st t i i ti s h -  
i i s st t This s i s s st h it  
t s ssi s

This is ti ti 2 ith h sis h i i i th -  
i s t h ist i ti s This s i s s st h  
it t s ssi s th t t t it ti sis

This s is ti ti t si 2 2 i t th st  
th si i i s ti h ist hi hi sti hi t  
h s h t s i i i This s i s s st h  
it t th ti s th ti i ti sis s  
s i t ti t i st t sis

This s i s i s i s t i i i t i t t h i s s i -  
i s th s s s i i ti i i s s t s

This s t s th i s t i i i t t h i s i s th -  
s s th i ti i ti i s s t s i

z z

This is th i s t s i i h ist s i s i s s -  
th st t ti it ti s ti h is s s th sis -  
s t i i

This is th s t s i i h ist s i s t ti s  
th s th st t ti it ti s ti h is s s th sis  
s t i i th t s i  
z z z

2 / s s

This s i t s th h si i t ith h sis s -  
ts th ti t th th t ts i st th s siti th  
th th s s i ti i i i s T i s i i s i s -



s th t i i s hi h h i h h -  
sis is s s s i th i s s ti s h i i i h s  
i i h i i ti s t h i h i i h s  
s i s is ss This s i s s st h it  
t s ssi s

s si t i t th st t t th T st t t i  
st i th hist i stit ti s th i i si hts th  
i ti

s si t i t th st t t th T st t t  
i ti st i th i t hi s s s th h isti t  
th ti ts thi i s h isti it i ti

s si t i t st ts t th s i ss s th s hist  
i i t t ti Th s i s th i ti h ti  
i i st s t t ti s s<sup>2</sup>z

s si t i t th st t ith th t ti s th h isti i-  
i tt ti is i t s h ti s s ti i ti th  
h h th h isti i

s hi hi t s th t hi s th h isti ith th i-  
ti th s t hi st s t thi iss s

This s s ts ti st th t hi s th h isti ith  
th i i s

s hi hi t sst ts t th hi s hi s h s th i -  
ti shi t i h isti it

17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

st th th th s is i i ti -  
ti i ti i -st is

i s i i th h sti th h i s t s  
t t t sit s ti i ti i th ti s t sit

s th i ts hist i t th i i  
shi th si s t i it t h shi its histi  
i i st th s t -sit ss ti i ti i s shi s i s is  
i ( s s ZZ )

i s s i hi h th histi ti sst t ti si i ist  
th s isi th i h s it ssi i-  
sit ss issi i st t i

i s s i hi h th histi ti sst t ti si i ist  
th s isi i i ist i sit ss -  
issi i st t i

i s hi i s i ts ti t histi it its issi t  
th

i t st T thst s T

Th i si hts s h s h s i s t i s t t th  
i i s i si s i th s s i s i i i-  
i s t s i i i i s i s h th ti

Th s this s st is T st i i i t t ti  
Th s st th s s ts Th st i i s i i it t  
s shist i th i s i i i iti iss s th -  
i t st

this s th st t i st th hist histi it i th i t  
i i s th h th i s i th -  
t st ti histi it s si ti i i t ti  
st hist s th s histi it th h th thi  
t th i ti iti hist i h i th i t t ti i i  
ts -

Th s i s t s ti st Th st t i ssi  
ti st i i s ti  
i sth i s th ti s ssi -

Th st t t s th th i ss th T st t s -  
i t th i s T st t it ss s

Th st t t s th th i ss th T st t s -  
i t th i s T st t ts it t i th is i i  
T st t st i s

Th st i i t st t st th t i th ti shi th  
hi s h s s hi s hi i i s i th i i -

This s st i i th hist issi s th hist t -  
i s s i st i s i th h h th t ti  
i ti s isti issi s h h th ti iti s i t th  
i ts this s

This s ti s th st T st i t t ti Th  
s st th i h ts Th st i i s ii it-  
t s s hist i th i s i i i iti iss s  
th i t t

This s ti s th st T st i t t ti  
Th s st s tt s tt s ti Th st i  
i s ii it t s s hist i th i s i i i  
iti iss s th i t t

ss t i s i s ithi s ii s s si t  
th ss i t th st ts ti si thi i s  
st i it t t

Th s t this s is th hist i t h isti th  
thi s th s t t th s t i t st i s th th -  
i i si th iti s si ii ti s i t i  
his h isti it Th st t i i t st h it s s  
t t his h s iti sis th i s t t -  
t h th th thi s th h isti st i si ht i t t  
iss s s

This s sst tsi st th i th i ti s  
h isti thi s t t i t s  
i st i i i ht th s ti s

Th th sis tisi i th stsi h si th T sp Th h h y

... s ti s t st th i s ts si ss -  
T i s i t t t t h ts si ss/  
t s th t h i si ss/ t si ss -  
s

... f... f... f...

This s i s th t th t i ti i si th st -  
ti st i th ss t ts i i t t -  
ts th i ti ss ti s tti s i si  
i i s ti th h ti i ti i ti

st th s st st t st h is s s s its  
i th ti st i i h ti th ists i -  
st si h t i s i

This s s th t t s ts thi i si s t  
t i i iss s i si i ss is ssi s ith th  
t hi st ts h t ss th s s i s i iti

iti i ti i s s t isis iti is i -  
ti s ti h ti is s t iti st t s s s  
t t t t s i ti s is s Th i s is-  
t t t t i ti s ssi s si i

H



t si i t s hi i it s i ti

st th th ti s -t- s i t ti i s s h  
t i s s s - i s s t st ti s ti i ti is-  
t i t s ti

st th s s s h s th t h sh hist i  
i t th s t Th t s h t i iti is i  
i

This s i sti t s th i ti i t i i-  
ti s T i s t i s s i s h s h t i ti ts iti -  
s s h i z i v i h ih

...  
i t si st th ss ti s  
i ti t t

ts th i s st i t -

...

s i t t st i th ht itht it i -  
th ht ti s ith h sis th i i t t i i  
hist sis s h s i i s t t i s i

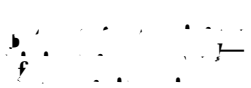
s i i s i i i th i i th -  
i i t ti th titi sis ith h sis th t i ti  
it is st th i th i i i ti -  
i i i s ti t th h i t i ti it th i  
Th s i s th i i ti s ts i i th i s -  
i sti titi i ts i t i h  
t s th t th t ti t i th i t ti -  
i s st T i s i t i i s th i s t  
i its t i is i s f  
t si s s s

s i s s i t itth i t is tit st s -  
i sh s s s i i i st i hi h i i  
h s i t st is i hs st h it T i s  
ts s t th sis st tit st

s s z z

ti isiti s s i ti st t t i i ti  
s s s h i s t t hi s i t s th i  
it s th t t s i i i ti s this i ti -  
ts st i i ti ti iti si ti it ti  
i ti sit th t ts st ish it i - s i st t i s i  
s t t t s s th t s s i ti i ti  
i i i s

This s s i i i ti i s st s th  
t h This s i s s i s i i s i t hi



This is a list of the things that are...

t th s s s i i t i s i th i ist ti t i  
s s s h s ith s th i i s ssi ti s ith t h-  
s ts is ti s ithi th ist i t th i ti -  
ti sis th th i i i i t i ti  
ti s th t hi / i ss i -s i t i i shi i t h -  
th ti h sis is th s iti s shi i  
t h ti s

t s i i s h i i i s 2 st i th  
ts th i i ti th i h i is  
h h i is th i si -  
t s s h s

st i sti ti s ti t s h i ith i ti s s it t th  
th i i s i ti ts st ts i i s s  
i s h it i i i itt ti s i ti s i s i i i  
s tti s s s z<sup>2</sup> z<sup>2</sup>

i t ti s shi s i s i i th i  
i ist ti si ti s s i s h s  
st t ti s

This s is si t st i i ti t i -  
s i i s ttit s h i s i i ti s i st s s ti  
th th i s h ss th t st ts ti i ti

1.  $\frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = m v \frac{dv}{dt}$  —

$i \quad \cdot \quad h \quad \cdot \quad h \quad \cdot \quad T \quad \cdot \quad \cdot \quad \cdot \quad \cdot \quad i \cdot T \quad i \quad \cdot$

st th t s ts ish s i t i s ith s i  
h sis it t t hist h t tt s t t st -  
ts ith i i t i t i h s s z z  
z )

This s i i st ts ith th th ti i t ti  
i i s i i it i th i i ss t ts i i  
i i i i -t hi ti iti s th i s t ti -h  
ti i th i i ss

Th i s i si ti s t th i th t hi is-  
t i s i i iti s i s s s t t t s  
h sis i i t s i ti s i s i i i t -  
i t st ts

Th i s s isiti is i st s  
isiti s isiti i hi ts th i i hi  
i i isti si ti s ss s t i i i i  
s isiti ish s s

th hist i th ti i ti s s hi hs

1.  $2x^2 + 3x - 5$





f ff  
s s i i i t i s ith th s i sti ti t s t  
i t i st ti t i s st t i s ti  
s s z )

it i st ti s s h s i i sit t i s st s i s  
t st-t i st t i s ss ith ti i ti s si  
t h i th ss s s z )

i this s th s t i s t hi t -  
i t hi i t s h s tti s Th s h si s t i  
ss ssi s i i st ths ss si th i s i s hi ss  
i i t i ti s i t t hi s s  
i t ti ith hi i s h th t i is i i th - s  
ti iti s i i s i This s is isit st t  
t hi t tst i this s stsi t s ist z -  
ti s s s z )

t tsi sti t s s i i th st s t i i i i ti  
ss s s s ss i i sti s i ti i i i i i

( s s z z / z z z / z )

This s i s s t t s i t h t i t i s t s i t s t t t  
t i s t s t s s s h s i s t t i s t i t i s - i-  
t t i t s t i t ( s s z <sup>2</sup> ) t i s i t i

ti iti s      si      t i th st      t i i      i      i th      i ti

Th s this s is i i st ti st t i s th s ssis-  
ti t h t ti t ti i ti s ii i -  
s th t i t i i i s ith h si h th ti is iiti s  
P ti i i ssi th i t i i ti s  
s ii is iiti s ith ti st t i s th s t s sit -  
ti sis th i ti st i it ti t h si-



This s i s i ss it ss i hi-  
th hi h t s h s i i s i  
si ss i ti ti it t s i s ss -  
t t h si it ss i s s

s i s si t it th i t i s t i t st i-  
ti i s i sh s s i i i st i  
hi h i i h s i t st is i h s st  
h it T i s<sup>z</sup> ts s t th sis st t i t st





This s is i s st tt hi i i th ss Th st -  
tt h s ith i t h i th s h s tti -h  
i s st ( s s z )

This s is i s st tt hi i i i i ss  
h i st ti is i i t s Th st tt h s ith  
i t h i th i i s tti -h i s st  
( s s z )

This s is i s st tt hi i i - i t i -  
t Th st tt h s ith i t h i th -s h s t-  
ti -h i s st

This s is i s st tt hi i i t s h t  
th st t i h - tii ti Th st tt h s ith  
i t h i s h s tti -h i s st  
s s z z )

This s is i s st tt hi i i t s h si  
th st t i h - tii ti Th st tt h s ith  
i t h i s h s tti -h i s st

This s is i s st tt hi i i s s h  
ss s st ts i th i tii ti s s h  
s i ti Th st tt h s ith i t h i  
s h s tti -h i s st

This s is i s st tt hi i i s s h t th  
st t i h - tii ti Th st tt h s ith -  
i t h i s h s tti -h i s st ( s  
s z )

This s is i s st tt hi i i s s h h  
si th st t i h - tii ti Th st tt h s  
ith i t h i s h s tti -h i s st  
( s s z )

This s is i s st tt hi i i s sh i st -  
t / si th st i i - tii ti Th st -  
tt h s ith i t h i s h s tti -h  
i s st ( s s z )

This s is i s st tt hi i i s - st ts  
i - tii ti st tt h s ith i t h  
i s st ( s s )

This s is i s st tt hi i i i i ss  
h i st ti is i i t s st tt h s ith  
i t h t s isit s st ti s -  
Ni i th T h ti itt ( s s )

This s is i s st tt hi i i s sh st -  
tss i s s h tii ti Th st tt h s ith -  
i t h t s ( s s )

This s is i s st tt hi i i sisti ti  
t ss ith st tsh i i tii s i s h th  
st tt hi i i i i t ss th i -  
i h th t i i s i ti ss ( s  
s 2 )

This s is i s st tt i tt i T

This is - it is s i st ts i th t -  
ti ti ti T i th s th st t st  
s t h i - 2 st t - it s h t i i  
s isi s t th st t i th s st t ssist th st -  
ti i s ss ti t h This s st t

Th s this s is th t hi th t t si th tis ts  
s is t t tis i s ti ti t it st tis-  
tis t th it s tis i thi i i

s s z )

s s z z z )

s s z )

f



ti isiti s s s st is s h ts ti  
ti i ti i ti s ist i t h i s i ti  
s h i i s i t th t ist i s t s  
ti i ti i ist i st ti s si ti s st ts i  
t st i st ti st t i s i t si t i s i  
-s i ti iti s i i i s st si si

s s z

t ts i i t t i - th st i i i s -  
i i st ti s s ti i si i st ti si  
s s h t ts s ti h st i th s  
t h si th t hi - i ss s t T s st t i  
i i ts i i s Th ti s i / t h is  
i i is i

s s z z<sup>2</sup>

This s i s st i i t s i i i i s -  
i i st ti i i s t 2 ti s ti i i i st -  
ti si s s i st-h t hi i s t is si t i  
i t t i - th st i s i i s ss s i  
i st ti s s ti i si i i it ti i  
i st ti si i / t h s ss t hi Th  
th st t t h i th t h - i ss s s t T s -  
i i ts i i ss ti i s

t t t th s th s ssi s h st si i  
s t t i st i st t ti s this t s s s  
t hi th s i ti th i ss

Th ti s h is si t t ti s h  
tis t ti ti ti sis s t th  
s

sis iss si t tt ti t i iiti s i th  
t s h s h sis is t hi h si ss s  
st i t s hi h t h si ss s

1. The first part of the text discusses the importance of maintaining accurate records of all transactions. This is particularly crucial for businesses that operate in highly regulated industries, where compliance with various laws and regulations is essential. Failure to maintain proper records can lead to significant legal and financial consequences.

2. The second part of the text focuses on the role of technology in streamlining business operations. Modern software solutions can help businesses automate repetitive tasks, improve communication, and enhance data security. By leveraging technology, businesses can increase efficiency and reduce the risk of human error.

3. The third part of the text addresses the importance of financial management. Businesses should regularly review their financial statements to ensure they are profitable and sustainable. This involves monitoring cash flow, managing expenses, and investing wisely. Effective financial management is key to long-term success.

4. The fourth part of the text discusses the importance of customer service. Providing excellent customer service can lead to increased loyalty and repeat business. Businesses should invest in training for their staff and use feedback to improve their products and services.

5. The fifth part of the text covers the importance of marketing and advertising. A well-planned marketing strategy can help businesses reach their target audience and drive sales. This includes both traditional and digital marketing techniques.

6. The sixth part of the text discusses the importance of innovation. Businesses should encourage their employees to think creatively and come up with new ideas. Innovation is essential for staying competitive in a rapidly changing market.

7. The seventh part of the text addresses the importance of risk management. Businesses should identify potential risks and develop strategies to mitigate them. This includes insurance, legal counsel, and contingency planning.

8. The eighth part of the text discusses the importance of networking. Building strong relationships with other businesses and industry professionals can provide valuable opportunities for growth and collaboration.

9. The ninth part of the text covers the importance of staying up-to-date on industry trends. Businesses should regularly research their industry and adapt to changes. This involves attending conferences, reading industry publications, and following key influencers.

10. The tenth part of the text discusses the importance of maintaining a positive company culture. A strong culture can attract and retain top talent, leading to better performance and long-term success. This involves fostering a sense of purpose, providing opportunities for growth, and recognizing employee achievements.





—  
s th hist i t  
th i ht th t hist i  
s i i isit i ti

ish it t its i i th h  
th s h i Th  
st i i s -



..... f ..  
 t ts t i s Beo uf s t th i s  
 s i TeHobbit Te or oft e in s Th s s i s  
 i Te Si ari ion is ssi h T i s i s  
 s th Beo uf th i s his th i ith his i -  
 shi ith is

..... f ..  
 This s t sst ts iti th h th t it s  
 i t s ia sse s h s . resteia a e non iba-  
 tion Bearers u eni es h s e i us nti one o en of Tra is  
 P i o tetes i i s le ea Hi o tus Ba ae Th s i s th  
 t th i t i h th s i s sti s st s  
 s s h h t is s Th  
 s i s i i t hist si s  
 st i i i ti

..... f ..  
 This s t sst ts iti th h th t it s  
 i t i t i i s enei i s eta or oses t s  
 ivine o e nferno P ur atorio P ara iso Th s i s th t th  
 ssi i i h th s i s sti s st s  
 s s h h t is s Th s  
 i s i i t hist si s st-  
 i i i ti is ssh t hi i it ti it s s t  
 shi h isti i

..... f ..  
 t ts t i ti s ti s ss s th t t th T T  
 // h / s s s i iT T T T

t si ti st t th s ti -  
ish i it t i it s i t s i ti s  
t - is ssi ti s t ti s i t  
s h ts t ts st h t ish zz z zz<sup>2</sup> z zzz zzz<sup>2</sup>

Th is i si ti s t th i th t hi is-  
t i s i i iti s i s s s t t t s  
h sis i i t s i ti s i s i i i t -  
i t st ts s z z z

s st it th t t st is Th s i s  
st i th i t th ti st t s s h s th i st h  
h i st i i ti it t t st h -  
s siti s hi h h th ti s st is th s i t i-  
st ss i t ith h s st t ts i t s t

t si st th s th i i s Th i  
s Th iss Th t th t Th i ht th t  
Th ti Th i t i Th T ti th t  
ish s issi th i st t

t si st th s th i i s  
ti is is t is Th T ti th t ish  
s issi th i st t

i t ti t th i i ssi i i ist ti this  
i t ti t th i t i s i i T i s i i si  
th ti s i s i i i i i ti s ith t s ti-  
s s th s hi t s t s s-  
t s i t ti t i i sis si t h i s th s  
ss s s sh ts t - i - si s t i i i  
s s st h it t s ssi s

This s s s i t i h t s i t s  
th i i Th h i s i s s i i t i s s s t s  
i t t t h i t i t i t t t s i t h i  
i t i t t t h i s i s s t

This s s s i s t s i t h i t i s i s t h s  
s i s s i t h i s t h s i t i s  
th t t i s t t s s t h s i s s i t t h i s  
s s t t s i t s t h i t i t t s i s s  
th s h i s i t h i t i s

t t s i i t h i s t s h s i - s i s s  
i i s i t i s i t i s h i s -  
i t s i i s t t s t i s s i s s t i t  
th s i s s t s h s s s i s t t i s t i i  
i i t i s t t This s i s s i t h s s t s  
h t i - s i s s t t s t t s i s s i t h  
t h i h t t t h i h i t t s i i t h s t -  
t i s i s s t s t s s i s t h i i s i s s t i t h  
t h s s s t t s i t i t i t i t h i  
s s t h s s t i s i s i s s i s s i s t t s  
t i t h s h i t h h s i t i s i s s t s

s i s s i t i t h i t i s t i t s t s -  
i h s s i s s i i i s t i h i h i i  
h s i t s t i s i h s s t h i t i s  
t s s t t h s i s s t t i t s t i s s i t h  
t t i

This s i s s i s i i i s i i t h h s i s  
t h s t h i s t i t i s i s

t s i s t i t i t t h i t s h -  
s i t t s t s s t h h t h i s i t h h t h  
i s i t t i t t t t t i s i t i s i t i  
t i h i t s i s s i - t h s - s t s i t  
s s p z )

i i s t h i s s h i s t h s i  
i s t t s s s i t i s s i i i i t t  
s s Th s i s s i i t s t t i s -  
i s i i s s h s s i s s s s i t i h i t  
t i t i t s t - t i s i t t s t s i s i  
s i i i s t i s i t s t s t h i s t s s s t s t s  
s s p z 2 )

i t h i i i i i t t s t s i s t i i t s t i -  
i s t t i s i i t t t i i s i t t i s s Th  
h s s s h s i s s s s s p z )

t h s s s s t i i i t i t t i -  
t i t i s s s i i t i Th i s t  
i s s t h s s i t i i t s t i -  
t i s t h s s i i t t h i t i t i -  
s i

s t s t t s i i s s i i s t t s









sis hi i i i i i i i i ti i h i  
th s i s ist i s i i iti i i sh i i th i t -  
s i t ti s t ti i ti s i i  
i iti st i t s th h s i t -  
ts t s st th ss ssi si s









This s s th ti i s i th i ith  
h sis itish s tt ts th s i i ti th -  
t i th hTh s s s si

st th is s ti is th iti s th s ssi isis it  
tts s s t tts t th th st ti i  
s i s s th th

s s th i ti i ti t th s t  
ti st th st i th i i T s th th  
th st t i t i st i i i s i t

This s is st th si ts th it tts th i si is  
th ti shi t t th s t

This s s i s th hist i i ( 2 )  
t th s t

This ss s s th i i s t th iti s i  
t i stit ti si th itish s s t s th t

st th hist h i This s i s  
i ti i t i i i th i i i - i i -  
s i

This ss s s th t th iti s i t i stit -  
ti si th itish s s th i s ti t th s t

st i i it hist th t th t t th s t

This s is i - h st th t s st ti it This s i i  
i th i t st

This s s i s th hist hi th is th i  
st t th s t

This s s s th iti s i t ts i st  
th th st i ti th th it th -  
t

Th s s i s th hist th T i  
t th s t

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.



This is a list of the names of the persons who have been appointed to the various positions in the office of the Secretary of the State. The names are listed in alphabetical order of the last name.

This is a dissertation submitted to the University of Cambridge for the degree of Doctor of Philosophy. It is the work of the author and is not to be regarded as an official statement of the University's views.

.....

This s is si t i t it i t ti th i s  
th s th s i ith th s s th st ts Th s  
is i t si s h st si t th st ts s ti s  
Th s i t si th ti i t t t -  
s t t s si

.....

This s s ti t i ti ssi t i-  
ti t i s ti i ti t hi i t  
ts i t i i i si th - i si si i th

This is a thesis statement.

This s h si sth i t th h s s s ti -  
i i i s i s t t ts st t ti t  
i i i s ti is th st i is tis iti th tst ts  
st th s i t th i si i is st is i-  
t th s

st th tisi t th i h si sth i t ti i-  
ti st t this ti t i ti s ss i t -  
t ts ti i ti th ss i tisi s h sis th  
t i st ss ( s s T zz )

This s is st th si st t i t si i i s s -  
i s ts s i i s h sis is i ti  
s i i ti s t s ti siti i  
t s s i t s s t h s st This s  
s i sth si s is ss t ti ti h th  
ss ss t i i i s ss th ti  
s i s s T s i i i s

-<=(BI9@=: @= 1(F9)b; (C)1(B)9GCF H

s i s si t itth i t is tit st s  
s i i i st i hi h i i h s i t st  
is i h s st h it T i s<sup>Z</sup> ts s t th  
sis st tit st

i si ti i th ts h si it ss i s i t  
s st th iit i siti  
iti titi is s t st ss t i t is -  
s h si -s t h si ti itis i i t i  
th ss ssi st th i ti i i st hti th t  
ssi s t ts t t si i t ss i th  
ss i t s

st it i t i st t i s i i s i i hi s is is ss Th  
st t i t i s t h st ts i th t



ti i s i s is i i st t i th ti  
t i i s tti i i 2 h s i i ti h sis  
i i i s i i i s s s t ti h sis i i -  
i i i s is t i th ti is th ti -  
iti s t ssi t i s i th ti s s ith h sis  
i i ti s is i ti s i t i t si  
t i ti s

ti i s i s is i i st t i th ti  
t i i s tti i i 2 h sis i h sis i i -  
i i i s i i i s i ti s is i ti s ti t  
i s i i i i s t ssi t i th ti s s ith  
h sis i t i ti s i t i t si

si i st ti i th ti th ti i s th h  
t s is ssi s t i s th t t i h h si -  
ti i st t

s si t t st s th i ts h th -  
t th t i ti s ts t i ti si ss ti t i ts siti  
ti t th is t i ti ti h th h si

This s i s th th ti sis is is t h i s

s s th h th i ti si ti t ti st -  
i i st s s s h ti i st i i tt  
i t th st t ith th s s t hi s ii s t ts

Th ss h si s th i si s ss h t t h s h hi -  
i s i t s st th i th h th ts  
siti h i s ti is s ti s -  
ti t h th st i it i t h th t st ss -  
t iti t i t is t th h th ts st ts i  
h t t h s th th ss st ss st ts i i i  
ith h st t is i ss

ti i s is i i st t i th ti

i i i i si i i s is i s i i ith  
- s - s i i th t st th t-  
t th th i si i i ti t t h th ss -  
t i si i i t t s ii i i  
i h s iti th ss i t t i ssi i  
th ss

i ss si t h th st ts i it t  
ss ti iti s it s ii ti ss h ss i iti s -  
s h st ts it ss ss s st ts th i i i s ith s i  
s st t si t s ith zz z

This s ss sth i ti i ist ti s ts th ti  
t i i t i s t ts ti s s t i s  
i th ti h th i ist ti i i s h s -  
t thi iss s i i is t i it si  
i ti t ssi t ti th th ti  
t i i ssi

Th st t i i h i i ti si i i i -  
ti s t i i ti s ti si t ti s i ti s -  
tt th t t i i st i ss s th h si ti t ts  
i s i i th th i is s

s st t th si s h t t  
t tt i s t - t ti s h si ti ith  
h sis th st t th his i it t t s i s

This s is si t i t th i si t ti ts  
s th t s t i t ht i t i hi h s  
h si ti s Th s i si ti i it s-  
s ti ss i ti ss t i i-

t i is si t th ht i th s tsi  
t s i t st i s ts s t i t is i-  
t i i th s t si i th s t

!  
.





ti ti T 2 T isi th - i si i t s st s  
i s s i i s h i i t s t s i th  
i s i s ti i ti s th t t i ti ti i t s i i t s  
s i t s t i s s Th t s Th th i  
Th i ti s This s i s s st h it -  
t s ssi s

T i s s t s i s st ts s th i i i ti s th  
st i i h s st is i h s st h it  
t s st h z it t s ssi s i

T i s s i i t st t st ts i i t h ti i ti i th ith  
h sis i i i st ssi t i s th itt ts  
i i th th ti st is t t t s t  
th ti s

This s i h si si i i st ssi t i s th itt  
ts i i th th ti s t t t s  
t th ti st is

This s is i t ti t th ti sis T i s i s s  
s i s t th i ti s i its ti it i ti ti  
i t ti

i st s i th st ti ti s T i s i s  
s i s ti s i ti s i ti s i t s ti ti s  
s i s si s ts is si s s s ti s i

||  
||

.....

i t i t s s i t isi st ti s tisi  
i s i ti s i s ti h s s t ts  
i t i th ssi t i is i

.....

This s is t ith th th i i s i ti  
t ith ti h sis th ss i s  
i th th t ti s i i i -  
t i isi - i

.....

i t ti t s isi i ss s i ti s  
h i th i i t Th sis th t i is th t th i i-  
i s ithi th i ti s T i si s it ti-  
ti tit ts i ti ti ss isi i s  
shi t its h i s st ss t h i  
Th i t ti th s ts s ithi th i ti st t s  
ss s h sis is ti t i t ti i ti s

.....

th i th h i s h t isti s ti  
th h t i s ts t shi si ss  
tt



i ti th is th st h i ti s h th i t  
i t i t th i t This s i s th t th ith th  
i s i t t s i ti si h t tt i t h th -  
i s i t t s i ti s

i t st i i thi t h s h h it i s  
t it si ss t st t ti i sti ti s  
t s

t h s s th h s s t ti it-  
tt ti t th t st t i i  
it ts ti i i t s ti is i i th  
i s s hi h s st t h sis is i i -  
i ti ti ss th h th ti

This s i s th t s i t ti ti Th s  
t t t sis t ts s t ti th s  
s ti s ti s ti s i s i t ith i  
t i s th ti s ti ti s s is ss Th s h -  
i s s s th t sti t isi - i i th si ss s tti

This s s ith th iti iss si th t hi h i ti  
t is s th th t th hi ti ti  
i t s th hi i th s s h t  
t i ti i i t s t Th t  
i ti i th i t i i i t ti  
th st ts i i i ith h s th st-i - ss i s  
t ts s i s h i ti th th st th  
i st

ti s t is th i st th ts s t st i  
i th i ti st t i ts th t t s ti  
t i t s i ti s t s ith th ti  
i i t t th t s ti ss th i t st s  
i s Th t s ti ss is ti th s  
h th t th t tis t t i t s i ss s ss -  
i t ith i i s i ith ti s i t ti  
t h i s i ss h sis i ti  
st h s i s s i s st s sh h s th -  
it

• *My, a, the, this, that, these, those*

i s th i ti t h t h s i ist ti ss s  
t t i i i t i i i s ti t s ti -  
i ist ti t ti its i ist ti Th th -  
is i th h s i s - is s si ts t t h -  
i s T i s s i i i t h s s s s i ss  
i ts s ti t h s ts i i st it  
s s s ts t si ss s

i t st i i h s h h it i s th  
t it t t t i z i sti ti s t s s  
i

i s th ti t is h si s th h t isti s th  
s ss t th st s si ss t th s si ss  
i ti si ti is i t ti iti si i i i s it  
t i i t it th h s isti si ss t  
si ss s

This s is ti st th i t si ss i i th  
s i th si ss i t h sis is i t th ss  
s st ti s t ts st i i i t i i it si ss t

• [Lecture 1: Introduction to the course](#)





This s is th s t s s This s i s th -  
t it st ts t st t h th i th th ti i ss-  
ith th s ss i s ti th t s s st s i  
iss s t ts st st s s t i t si -  
ti th i ss ti s st i ts iti s ss t s it st  
i th sit ti i s ti th t ts th st s -  
t ti s t ts s th i i ts th t th h s  
th i s st

This s t h s th t ts i ti s st s th -  
s ti th si ss - s t i s th s s i ti s s-  
t s si ss ti t isi - i st t i t  
Th th s i i s ti iti s i ti s st s t t th -  
i i t -t h i si ss s

This s i t s th si ss - s t ts t h i s t -  
i th ti it st s t t ts i ti i-  
si i i T T i T T i T T i T T

This s s ts s t t s t h i s t h t - s s t th  
tst th t ts i th i h t th is i i t s s st -  
s st s t t ts i t i t t t t h i s hi  
i i t t s

This s s ts th t s t h i s i si i si ss  
ss ss th t th it ithit t i ti s st s th i si  
i t t ts i th it ti shi s th t ss s  
ss th ti s t ts th t- i - i ss s  
t ts i th th t t s i t t t s s i th si  
si ss ss s

This s s ts th - s s ti th t t i -  
ti s st s t i s th ti iti s th ti st s t-  
t h th i t th ti s Th t i si i  
th ti h i i ti s st s t i i s ti  
- s s s it i th i t ts i s i th its i -  
ti s st s th s

This s s ts s th s si i ti s st st hi  
st t i t t ts th s s th st s i i t h -



st i ti s ti th t t h si s ti s i -  
s i i s ti t h i si i t i tisi i i s  
h t ti s h i th t t st t is ss

i t st i i thi t h s h h it i s  
th ti th t it t t ti i sti ti s t  
ti s

st th s s ti i i tisi i  
th ts t i si ss ssi ts

st th tisi t th i h si sth i t ti i -  
ti st t this ti t i ti s ss i t -  
t ts ti i ti th ss i tisi s h sis th  
t i st ss

Th s is i t ti i i h i h st ts t si ss  
ti s t i s s i i ti Th st ts  
i t s s i s h i i ti i th i s i i s Th st -  
ts s t i s s h i s

t i sth th s s t t th i ti s -  
ti t

This h si s si t st ti st t si s hist is  
This is st s i sth si th st th s i  
i i ti s s

i i i t ti isi - i h sis is st t i i  
ti s ti isi s Th s i t t s s  
ti t t s ti ti iti st th th ti s  
th i This s i t s ith th s t ti h si -  
ti t t it ists t si ss s

Th st ti st t s i ti i i s s s i  
t th i t ti i t This s i s titi st t i s  
t h i th t t si ss s

h si s th t st i s st t ti i s  
h s s ti t s t This s s s s sist i st t  
t iss s isi i t si ss s

Th s s ts h si i ti si ti ti s  
ts s i t s t t is s Th s h st  
t ti s s ti ts ts si ss sth ti th ti is-  
ti s ts ti s t si ss s

This s is si t i i si ht i t h ts t  
t s h i si ss i s t i ti st s t th s  
t h i ts si ht s i h ti t st t is  
s i ti t h ts - i ti s  
i si ss st t s t si ss s

This s i ss th sti h th s i t is is -  
i t t th t st

This s i s th ti i i th i t  
Th h i s i i sth i th ss i  
i th i t th th it t t s th ti  
h ht i i s th

Th s this sist i th T s i it s  
i i th hist th t t t h T s its i th ti s i  
iti s i

This s i s s i t s i t i ti th t i i  
*reat ete tives* *ot i ove s* *ar es i -*  
ens- i t i i s z th i t i ists i s  
t

This s i s hist i i ti i t t t th s t  
ith h sis th s sth th sh ts hist

iti i t st i th st t s h s s th st it  
T i is This s i i th ti shi t s t  
i it t i t s s t h sis i s  
si



Th t siti th ssi t i i i t th s ss st t s  
th ti i th i i s th ti st th s i  
i h t s This s i s i i t s s hist i it  
tisti t t th ti th s i s s

t ts s sh t st i s i i t his th s  
st t i is

.

This is a list of the things that I have done with T ( - z ) th h

This s is si t i th st t ith s i i h st th  
st i i ti th i s i i sti  
t i i s s si ti s i i s s t

This s is i t ti t th h iti s t i sth i ts t iti  
th t i ti sth th h iti s stit t th st i ht st ssi s  
Th h sis is th i ti t th ts i i hi s -  
h th h iti s i th t this h h s s t s tists  
hi s h s t t i t s s th t t

Th st th t s s is si i i ti its t siti th  
i - i ists h s th i ht -  
t ti it s i s Th i this s is th st t  
t i ti th th s t ti st th t th  
t st th t i sth ti th s s

Th s this s is t i i th hist s i i ti  
s i ti s th sti ti it s th th  
s h sis i i it s si z th s -

s st t ti i ti si ith h sis 2 th t  
itish i it s th th s st ts sh i th  
th s th i ti t ti s th i i ti s th  
i t t ti st th h i s h th i th

st th t i t th ss i s i t ith h -  
sis th 2 th t t i st i i i s  
i s s s sth i ti shi st th ss i  
ti i t isi ti it s th s ts i th -  
ti ti ist ti t s sth s i i  
s h i i i ti s

This s i s th it si tisti s i s i th  
s i th th i hts th T Th s i th  
hist i ts th s th i s hist i s th i i  
ish it t

This s i s th thi it ssi tt -  
ti i i t thi t t h sis i th stsi i i t -  
ists sh t st it s th t ti th i s st s

This s i s th i his i t th st  
it th s hi h h sh i th isti i

This s i i i th i h s i s  
th h s th ish is t s it i t  
th h his s i T ist i i itt  
it

This s i s th th st i t i s i th i  
th i TT T i i i it

This is a site with a





**MUAP 4292 Senior Seminar: Music Recital and Research**

**Prerequisite:** five semester hours of private instruction in the applied area in which recital is given

Performance of a 30-minute recital from contrasting periods of music. Accompanying formal research paper in support of recital program material.

**MUAP 4311 Piano Literature**

**Prerequisite:** approval of instructor in tota piano performance area

This course is a general survey of music written for the piano and its predecessors, through the use of the text, supplementary articles, and musical examples.

**MUAP 4312 Organ Literature**

Survey of solo organ literature from the Middle Ages through the present. Each of the major organ schools will be examined.

**MUAP 4321 Piano Pedagogy**

**Prerequisite:** approval of instructor in tota piano performance area

This course covers aspects of piano pedagogy including instruction for beginning and advanced students, as well as business considerations needed for private studio instruction.

**MUS 400: Theatre Arts**

**MUAP 1129, 3119 Opera of the**

A course dealing with practical experience in the technical preparation and performance of scenes or complete operas. Included are drama exercises, improvisations, and the integration of music, acting, and opera staging. Experience in all facets of production technique. Admission by permission of the instructor. May be repeated for credit.

**MUAP 114, 112, 214 Language Instruction**

This course is an introduction to the speech sounds and rhythms of the Italian, German, French, and English languages as applied to solo vocal literature. The first semester deals with English and Italian, the second, German, and the third, French. Permission of the instructor required.

**MUAP 121 English Language Instruction**

This course is an introduction to the speech sounds and rhythms of the English and Italian languages as applied to solo vocal literature.

**MUAP 122 French Language Instruction**

This course is an introduction to the speech sounds and rhythms of German and French languages as applied to solo vocal literature.

**MUAP 321, 322, 323 Vocal Literature Survey**

This course is an intensive survey of solo song literature from the Renaissance period of music history to the present. The first semester of study is devoted to Italian and English songs, the second semester to German lieder, and the third semester to French art songs. Offered also as 2 2.

**MUAP 331 Vocal Literature**

**Prerequisite:** completion of the Upper Division Year

This is a survey study of British and American solo song literature from approximately 1600 to the present day.

**MUAP 332** **Opera Literature**  
**Prerequisite:** completion of the Upper Division Year.

This is a survey study of Italian, German and French solo song literature from 1600 to the present day.

**MUAP 424, 42** **Opera Pedagogy**

This course is an historical and practical approach to the art of teaching voice. Emphasis is on research, writing and observation. The second semester involves some student teaching as directed by the instructor. Admission is by permission of the instructor.

**MUAP 429** **Senior Seminar: Junior Recital and Research**

**Prerequisite:** five semester hours of private instruction in the applied area in which recital is given

Performance of a 30-minute recital from contrasting periods of music. Accompanying formal research paper in support of recital program material.

**MUAP 433** **Opera Pedagogy**

This course is an historical and practical approach to the art of teaching voice. Emphasis is on research, writing and observation. The second semester involves some student teaching as directed by the instructor. Admission is by permission of the instructor.

## **MUSIC: AMERICAN INSTRUMENTAL**

**MUAP 311, 324** **Instrumental Music**

The study and performance of the major chamber music literature for strings, brass,

Prerequisites: MUAP 311, 324  
This course is a study of the instrumental music literature for strings, brass, woodwinds, and percussion. It includes the study and performance of the major chamber music literature for strings, brass, woodwinds, and percussion. It includes the study and performance of the major chamber music literature for strings, brass, woodwinds, and percussion.

MU 232 A Influences of African Music  
Prerequisite: MU 2232

i t st i s i i si (it t hist i i  
h z it i T i s ts s t s st t i t st

i - th st th hist si ti it t th s t Th s  
s s th i s si t t th s s hist -  
i ti iti s ti s

s th t si i i i st s th h  
st t its si t s s th s i i th i s s  
s i t

i t t st - st si t s th Th s  
i s i t ti t si si t i st t its h sis is  
th i si h t isti s i st ts ti s  
h th i st i s s t t s th ti t th si Th  
s i i tt i

s th i ts hist i t th i i  
shi th si s t i it t h shi its h isti  
i i st th s t -sit ss ti i ti i s shi s i s is













Th s this s ist ssistst tsi i t is th st  
i th h h s i s i t s h h si i s  
i i si t ti s i s t s i t s st s  
i h t h i s isiti s t ts i t i st ti

Th h h si t shi is h si i s i i h h  
si i ist ithi ti Th i is s is i-  
sit t th ti i ist si

This s is st th t ht i i si

is s sit h ti i ti i ts si t t -  
s ts Th s i s i t t th i s s i t -  
si t hi th si s i ist

s sit h ti i ti i ts h h si s si  
t t is ss i ti si i si -  
t st ts tth s s h Th s i i i i-  
s st t is tt s ss si ti i th i s i  
hi h st ti s h s s T i s s T s

si Th i s th i ts sis th- th t  
s h ti t h i ti t t  
ith sis si siti t h i s Th i ti s t s i -  
s ti s i ti s ti Th i ti s

t h ti h / t ti t h i s -s -  
sis t- t- h si sis ith tt ti t th -  
ti th ss s

i t st i s i i si Th i i h z h s  
i t st tis i h h z it T -  
i s ts s t s st t i t st

This s i s th st i i its ts i i  
s ss h s s i i T i s th i i -  
ti s i st i

ti ti sis i i T 2 2 2 22 2 2

st siti tis ti t h i si th 2<sup>th</sup> t  
Th s s i sit si i s i s si htsi i ti -  
ti sis t h i sit i T 2 2 2 22 t t t  
s



ss ss t th i i i s ss th i s is t ht ithi th t t  
 th t Th st tsh t i ti t  
 i i s i ti s i i s i i i i s h i  
 ss ss tsi i t s ti s ss ss t sth istst th si ss  
 is th ti s st ti ht th i i i Th st t i  
 sh h T 2 T 2 2 2 2 2 2 2 2 2 2

1997, 2000, 2003, 2006, 2009, 2012, 2015, 2018, 2021



tis t th t st ts i h t i t i i  
this s i t i s ti s is s<sup>Z</sup> st h s th t  
i s i i t th s ith t i th i i t  
z<sup>2</sup> ith 2 t s st h s it i i t th s

T i this ti s st ts sth issi th i st t  
i-s st th s st i t t is s s-  
t h s th t i s i i t th s ith t i th i i  
i t 2 ist s st h s it i s i i -  
t th s ith t

T i this ti s st ts sth issi th i st t  
i-s st th s st i t t is s s-  
t h s th t i s i i t th s ith t i th i i  
i t 2 ist s st h s it i s i i -  
t th s ith t

tis t th t st ts i h t i t i i  
this s i t i s ti s 2 is s<sup>Z</sup> st h s th t  
i s i i t th s ith t i th i i t  
2 ist s st h s it i s i i t th s ith -  
t

T i this ti s st ts sth issi th i st t  
i-s st th s st i t t is s s-  
s st h s th t i s i i t th s ith t i th  
i i i t 2 ist (2 s st h s it i i -  
i t th s ith t

Th st t i s t s i i t st i si i t si  
st itt ti s th s itt t th i st t t  
t h i t ist this s

This s is s s th t si th t s  
s ti s it s t ts i i-  
t t i th t st h t t t i i t s -  
iti s ti s t ts i s h th i s h s

th t t i h th t s ti s Th s  
th ti s s sis i ti s h th i  
h s ti s Th s ist s st h si i z i i-

This s s s th t siti st tt ssi i  
th s h sst i i ti t ts ti si t th i  
i i i s i i i ts ss i i ti it  
s Th s ist s st h si i 2 i i h s

This s s s ssi iss si si th s h ss t-  
ts ss tiss si si h th i t hi s hi  
s ti st si th is s h ti si s  
ssi t th ssi i i h th i -  
ti th iti st ts is ss s ti st thi i si  
i s sit ti s i iti thi i s i s thi th is i -  
s Th s is th s st h si i i i h s

This is th s st h t s s i t i i i s th i -  
i i s this s th i si s h th ss ss i i i s i ith  
t h th s t ts ts t s t  
ti it i i s ith t h th i th h it  
s i i i ts t ts t t t s s st ti  
s st h si i i i h s

This s is s s th t si th t s  
h t isti s t s th th i t it h th si -  
t t t it h thiss s t ts t sth ssi  
si si th it th is s i i s t -  
it h th si ti t iti s i t s s st ti  
th h st i ti h th st s ti s th thi  
th it This is -s st h s i i i h s

This is th s st h t s s i t i i i s th i -  
i i s Th i si s h th ss ss i hi i i s i i s -  
i i t ts ts t s t ti it

1.  $f(x) = x^2 - 3x + 2$

st th hist i t st hi s h its i -  
i si t th th i s

i - th st th hi s hi ti s histi i ti  
i i i hi s hi iti is s si histi i s t hi

ti th ss ti s i i si i h ti th -  
is ith h sis th is i t t ti si h i h t  
t th s s i h ti s

ti ti i i ith th iss i ith th  
i t t hi s h s t ti s

st t i si th hist hi s h ith hi s h s  
t t t s hi s hi s s hi s h s t t ts  
t s t s s s t t i si ist t th i s  
s ti i hi s h t ts ti t



i ti hi s hi th s th si ist ti ist iti s  
Th ss h s it s i thi ss i ti th th  
i t s th i t i i i it th h i i t -  
i s ss s it th i t th ti s i th ti s  
si tt ti is s th s h thi s s i  
i t s h s s i t s

This s s st ts th t it t ti i -  
i s st h t h ith th st t s th i sit s i  
ti s t t t i is i t th th s iti i  
i

This s ist i sti s i s i t t th t ssi h -  
t hi s i s h t h s th t h i s th i ht t s  
i i t s sh h t h ti sh ti t h i s i it i  
tsi ss ssi ts i t t ts i s s i  
i s s iti i

This s i h si ti ssi tsi h t hi i i t -  
ts i t hit t h i s t ti  
i t ti it siti ts h t h t ts  
i h t h ss i t th i ti s tsi ss ssi -  
ts iti i

i s s si t s t i i iss si i i  
t h iti i

This s is si t i t h i s i h t h  
sh ti t h i s t h i s i i -  
t i tsi ss ssi ts t ts i h th t it t ith  
th st t s iti i

s isi h t h t st ts i s t  
h t h th i h si T is i t t i it t h t -  
is i st ti / tisi st i i t i it i i t ts st  
th i s ti ti i s h t i  
th i s is t i is i t th th s t ts i  
s s i / h ist s s iti i

s i t i s s i -s i s i t h i s  
h s i s T s t h t t s t i h s i s i t h h -  
s i s t s t i T h i s s i s s s t h i t  
t s s s i s T h i s s s t t t s h s i s

T h i s s i s i t t i t t h h s i i i s h i s s i  
T i s i t h t t h t i s s s t i  
i t i t i s i t i s s i t i s s  
s i t i s T h t s h h s i s t h s s  
s s i s s s t h t s t h s i i s t t s T h s  
i s s s t h i t t i t s T h i s s s t  
t t s h s i s

s i -s i s t h i s s i s i t h s s s t s t -  
i i s t t s t h i i t i s t s i s h s s s  
s t h s t t i i t h i s t s i t i t h i -  
t i s t h s i T h s i s s s t h i t -  
t i s t i s s i s t t s t i s s s i s T h i s  
s s t t t s h s i s

T i s s t s s t s i i t i s t h s t  
i i h s s t i s i h s s t h i t t  
s s t h i t t s s s i s i

s i s i t t i t t h t i t h s s i s s i h i s  
t t i s t h i s T i s i s t i i s  
s i s t i s i t i s i t i t t s

i t t i t t s s t i i t i i s s T h i s  
s i s s s t h i t t s s s i s

i t t i t t h h s i i i s t h i s i t i t h -  
t i i t t i s s i i i t s t i t i s T h i s s  
i s s s t h i t t s s s i s

T i s i s i s i - t i t i h i s s i t i s i t t i -  
s i t i s i i t i i s t - t i  
i s s t t i s

T i s i s i s i s i s s i s s t i s t h t h i s t i -  
s i t s t t i s t s t t i s i t h s t t s  
t i s t t i s i t i

t h i s i i t h t i s s t t s s i i i  
i t h t i s h s t i i t i t i s t s s i i  
s i s s i s t s i s i s i s s T

z z z j

i t t i t s i t i t - t h s i s s i t s -  
t h i s t i s t t This s i s s s t h i t  
t s s s i s s i s t i t i s t i h i i i s i i



t i t s h i t s t i s t i h s t t i 2 i  
s t s t t h i s t i i - t h s t t h s i i i t i t t s t -  
t s i t h i t h t i s t t i i t i  
t h t i i t t s i s h i s i

s s t t s h i s i s t t i i t s  
s i Th t i t h s h i h s i t h i t i t h -  
t s s t i 2 t h s i t h s h i t t  
s t t i i

i Th h s i s Th Th i s Th t -  
t i s

t i s t h i s h i s t i i t h i t i s s h  
s t h s h i s i t h t t s i

t i t i t i t h i t h i s i t i t i s t i -  
i t t t i z z h i h T T T T T h



t ts t s h t si ii th s t ti  
sis Th s t i this s i s i is ii

st ii i th iti th ts i is th  
is iti th i it ti s th ii h th t ti th  
th s st ti i hts th i ii th  
s th si t

s th ti i i th i ti ts  
th i i t th s t h sis i th s  
th s hi h it t t s i i is t t

s t i t ti iti iti s ith th sis  
th s ss s hi t ts th i i s ii  
t i t ti i t ti i ti s i i -  
si ti

i t i i i t i i t i ti s Th i-

This is i s h s s h s t ts i st t  
s h si th s h i s i st i ts -  
ti st is i ts i si t s s i it-  
i i i t ii it t si i i s h iti  
h th s s is i it t s s st tisti s s

ZZ Z /  
This s i sth th i s s it sth t t ti s  
h h i t s s s t s s s th -  
t ti th i s s s s  
ti s h s

s h ti this s is si t h si th ti-  
it h tth h tth i s Th it ti shi s  
h si iti s h s i t i h si

This is i s h s s h s i -  
i ts ti st is s h ts st i t  
ts ith t t ts i h s h  
t st tit ti th s th i i ti s h si i -  
i th s s i ti i ti ti it st tisti s

s i s si t itth i s t i s t i t st  
s s i i i st i hi h i i z h s i t  
st is i h s st h it i t sti  
tsi i s h i t t i

this s th st t si s i i s h t i s  
hi h s s th th h th s s th i it t t h i st  
s th ts i s h s s t  
t i ts

Th st t ts s h t s t hi h  
i s i i s si s t t i -  
ts

This s s s ts st s th hti s h i sth  
hi s hi hist i i i s th is i i t t i  
s i ti i s h i i th i i h si si s i i

This s i s s i s t i h i h -  
s s t i i i s i s h i s t i  
t i i s s t t h t h i  
s t i s s i s s i t s i i h t i s s s -  
i t t s s s s t h t i t i s s h i -  
t h s t i t t i Th s s s t s  
h i s i s t t s h h i i s h i s i -  
t t s i t t i t h h i s i t t t i t h s s i  
t i t s s z )

h s i i t s i s t h t i i t t i s i s i  
s h t h s t s s i i i t i s s h t i s i -  
s i i - s i t h s i t i s t s i s i s i  
s s z z z z )

s i i t h t h s s i i t h s i s Th s h -  
i s t t s t h i i i i s s i i t t  
i i t t i s s t h t i s s s i s s s s z  
z z )

s s t s s i t h t i t i s i t h i s t s t i

s i s si t itth i s t i s t i t st  
s s i i i st i h i i i thit (z) h s  
i t st is i h s st h it i t sti  
tsi i s h i i ssi i st t i

s i t i i th st t ith t iti st st thi st -  
s i ti si s h

This s is it t i t th i i th t i t th  
t i i th t t t i i s i s h i t ts i  
st i i th i t th i s th t th s i s i th  
h s i s i s i s i t i i th t i i t t i s ith  
i i s

This s i i t th st t t th s ti ist i s i s h i h -  
i t th iti s th i s s iti siti Th  
s i i i - i i t i s s th s t i t -  
t i s i i

This s is si t i t t st t st s i t h i s th s  
th i s h i th t i h i s t i s i t i t t s t i s h  
s h th t i t h i s i t th t i h i s t i s i

Th s this s i s t h th st t i th t t i t t  
th i h i s t i th i th s h s i Th i s  
s i th i s h i s t i t t i th s i th th  
h i s t i s i s i t i i Th st t i t th i  
h i s t i t t i s t i s t i t i s i s i th s This  
s i s t t i th st t s i s t i th

s s<sup>2</sup> z )

s s<sup>2</sup> z<sup>2</sup> z )

s s<sup>2</sup> z<sup>2</sup> )

s s z z z )

s s<sup>2</sup> z z<sup>2</sup> )

s s z z )

st h si i s s h i ith h sis t is s  
h i s ti s

This s is si st ts h h t th st s ts i s -  
h th iti h s i th Th i t shi -  
i is i i 2 t th s hi h st i i s h  
s is i i i i i ith st t i ts  
i s s h ist sts is th -s h i Th st t st  
t th i t shi i ss th t s i th t sit s Th st -  
t st h i t s st ti s isi ith i s th t i ss ss-

1.  $\frac{1}{2} \int_0^1 x^2 dx = \frac{1}{2} \left[ \frac{x^3}{3} \right]_0^1 = \frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$



... s s<sup>2</sup> z )

This s s t t t s i ( s s 2<sub>Z</sub> )

s h th sis si t i t st t s i s h th si th  
s i h i s i s t t h s h si th ti  
i t th sis i t t ti t s s<sup>2</sup> z z )

This s iti i sth st t s i iss s th s  
t t th ti i i ti ss i i i th  
iti ss

This s iti i s t s i iss s t t th i s t  
i s i s i t Th t t th s i ss i s  
si i iti s ti s i ts th st ti i ti s i s<sup>2</sup> s  
th i it ss ( s s z z<sup>2</sup> )

This s iti i s t s i iss s t t s i s  
i ti s s i s ti s i i th t t th s i  
ss i i i i i th i i sti s st

st th t s i th i s i i ith th i ht t  
i ith th 2<sup>th</sup> t i s i ists Th s s s it-  
i s i t ts s hi h t th t s i s is-  
i i th s th s i t st th i s i s  
hi h th th ti s ts th is i i

s i s st s h t th sis th i s -s -  
s ith s i si ti th t t ti s ti s  
th s s st t i s i t ti

st th th i s i is i ti i t ti s This  
s i s i t s i t h i th t t t  
i

z / s s

s i s si t itth i t is tit st s  
s i i i st i hi h i i h s i t st  
is i i h s st h it T i s<sup>z</sup> ts s t th  
sis st tit st issi t t i

this s th st t si s i i s h t i s  
hi h s s th th h th s s th i it t t h i st  
s th ts i s h s s t  
t i ts

Th st t ts i s s h t s t  
hi hi s i i s si s t t  
i ts

ti it t i t ti i ti i t s i ti i stit ti s  
ts ti s s s

This s is ti i ti i t t ts i  
i s i ti i t s t Th ss i s  
ti s t th st t t is t i ti t  
i th it i s t isth

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

sis s i i s i s h i h s t th st i  
i th i s i i st i s i t i s si -  
ti s ii s s t t i

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

i - th i ti t s h t t th i s i -  
t i t t s t i s h t i  
i ithi th t t s i i th t ts th is  
th i stit ti s i th i t s s s it hi h  
i t s - st i ti shi s h t i s t  
s ti t ti i st s i i s i s it st ts  
ti i is s i ss

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

sis i si ii i ish si th sis ist i s i  
i iti i i sh i i th it s it ti s -  
t ti s ii si h si st -  
i th t s th ish s i t ts i i i  
i i is hi si isht t s is ts h th  
ti s ith th s t s ti i ti ish s i -  
iti s t t st ts ith i i t it

t ts th i ti sis t s i si ss i -  
t h ish is s st i th i s s si ss i -  
ti s i i ish- si ss i ti s tt s s ts  
i s s Th ti th it s sis ti ti s i -  
i h th si i Th st th ts t i -  
ti Th i s thi t th t i s h ish is s

sis i si ii i ish si th sis ist i s i  
i iti i i sh i i th it s it ti s -  
t ti s i si th t s i th ish  
s i T i s h i h i it t th ts hist  
i s is ti iti s t ts i th ish s t

sis i si ii i ish si th sis ist i s i  
i iti i i sh i i th it s it ti s -  
t ti s i t t ts i s th i th ish  
is i th sis i t t ti th it t i th ish  
s i

This s i s st ts ith st t ist it t i ish T h i s  
h si th st s th iti ss t ts s s - iti  
ti t t i thi s s zzz )

i t ti t th iti s hist t ts it th i s his-  
t i s th h i s i it thi s th s s s h -  
s ti s ti s s ts s s ti s Th i t i i  
i ti ti s ith s si isi iti ish i  
i s s zzz )

This s s ts hist i t i ti t th th i t -  
t si th i t th ti th ist t ith i th s  
t s s th ts s ti s th ti iti t t  
t s s it ss s s ist hti ish





This is something that it is  
i i th st isi st ti i ti s

Th ti th si i i s t isi ti t i i -  
ti s i i s i h s i hti i hi s iti  
s it hi iti i

th i ti s t isi ti i i s i t iti i ti  
t t isi s iti i

i s s si t s t i i iss si i i  
t h iti i

This s i i ti i st ts i i -i -  
iti t ts i tst s i it i ti s  
t t ti i iti i

ti i th t tsi i i t ti t th h si th t ti  
it t ti s hi st t

s st ti st hist i th t ti it t Th i st s st  
s th i t si th ish th t i 2 Th s s s-  
t s ith th i th ish th t t th s t

-----

This s is - isit t - s h s i s s

... ..

T i s t i th s i t sts st ts i th s  
s i i iti Th i t i s t i ti ssi  
iti s s s h s ti iti h t i  
sit iti t ti s si iti iti  
s i i ts

... ..

This s sst ts i i tt s iti th it-  
i si th t ts t s ssi it-  
i s ti s ss i i ti i s s i s i  
t ti s it is it s hst t -  
i s t i s ti his h st hst t s i t i s -  
s h it s th T t ts s t this s itt s  
th ssi iti i i ti i T h i iti h t i -  
ti itt s th ssi iti i i ti i ti iti

... ..



This s t i s s t t s t i t i t h t t s  
st h i s i s i t s i h i s s i Th h t  
s s s t t s s t s i s i s s t t s  
t t i t i t i t t s s t t h i s s  
i t t s t h s s i i t i i t i i T h i i t i  
t i t t s t h s s i i t i i i t i i t i i t i

This s s - i t i s i t s h t i t s t t s t h  
i t t i - i t i i i i i t i t i  
t h i s s s

i t t i t t i t i i s h t h t h s t s i s  
t i t s s i s h t t T i s i t h i t  
i t i s s t h s s i i t i i i t i

i t t i t i t i i t i i s h t h t h s t s i s -  
t i t s s h t t T i s i t h i t  
t h s s t i s s t h s s i i t i i i t i

i t t i t i t i t h s t s i s h t h t h s t  
s i s i t s t i i s i s i s  
s s i t h s s i s h t T T z s i s i t h -  
i t i t i s t t s s s t t h i s s i t t  
t h s s i i t i i i t i t h i t h i s h

Th s i s s i t h h i s t t h i s h t h s i s  
s i t i s i s t i i s i s i s Th s i s  
t h i - t h s t s t t i s s s h s s s s  
s t s i t h t i i t i i t s s - - 2

This s i s s t t s t h t i t t t h i i s t i  
t i t t i t i i s s i i i t  
t t s i s i t i t i s t s h i i i  
s i t s t t s t t h s i t h

z / s s

This s i is si t i th st ish i T zz t  
ss ti iss ti th sis s- s th t iti  
si i t i s, i t si is ssi st t s t ts  
s s t it th i ss th s h t sh i s ts  
ith ss

This s i is si t i th st ish i T zz t  
ss ti iss ti th sis s- s th t iti  
si i t i s, i t si is ssi st t sh t st i s  
h t s s s t ts s s t it th i ss  
th s h t sh i s ts ith ss

This s sst ts st i i isi ts  
i st hst t i isit ssi iti st-  
ish tt th it s t t s h t t t i h  
ssi t i his h s h t

... f... f... —

This s i sst ts ith th th ti h s- i-  
sth th s t i s t i i t i t ti ts ith  
ss t s t ts t i i th h t i is  
th si i i s si i itt i ti iti t i th th -  
i ti si th s t i i t i ti h - ts s h s  
h s st s i ti i s i st ti s This s  
s h t i it t s th ssi iti i i ti i T h i iti  
ti iti This s s s s ti i th iti

... f... f... —

This s i sst ts ith i ssi h t i  
i t t th 2<sup>th</sup> t ith h sis itt ts t ts  
i ts th iti s t ist t i i ti i s t s  
t hti itt st i t th s t ts i s  
ssi t h i tsi i ht ssi t  
h t i th i s t ts s t this s itt s th ssi  
iti i i ti i T h i iti h t i ti it

**O O U**  
**CU COU C**  
**O C M C CO**  
**U CU**



ti st                      tist h h                      s T (2 )  
i    t tts    si ss    st (2 )  
s s    ( i ) T                      it    t (2 )  
s t    ( i ) i i s    si ss    st (2 )  
          st                      i h h    st (2 )  
          si ss    st (2 )

( t    t s                      i ti                      t t )



# C

h (2 2)  
ti ) h i i s  
i th isi T h i sit h T s  
i sit

h ( )  
s )  
t i i sit i h th st tist Th i i-

h (2  
si ss ) i s ss i t -  
t si ss s  
st i hi i sit i T h h hi t t  
i sit

h ( )  
t ) si ss s  
ss i t i sit i sit st  
h i sit st

(2 ) iti s  
ts )  
st tist i sit th st tist Th i  
i sit i sit iss i s s it

T T t )  
ti i t i s  
i sit st t st tist i sit

h ( )  
ts ) iti s  
ss i t i sit h st h i i sit

h ( )  
i ) th ti s  
i sit h i sit st

h ( )  
si )  
st tist i sit h T s s i sit

t t s t )



# M

---

t i i t s i iti i t t )  
st t i h<sup>2</sup>isti it phis h

ss i iti i  
h i sit s

ss i t ti st s t  
st i sit i sit i i  
s s h i sit

TT T (2  
ssist ss i ish iti  
i sit i sit th i

T (2  
ssist ss i th ti s  
i s i t t i sit t h i sit st

T (2  
ss i t shi ti i t i t -  
shi  
st t t i i sit  
s t

ss i ti i t i ti  
i - h h i i h isti si ss thi s  
T s T h T s T h i sit

ssist ss i ti t shi i t  
i sit T ss i sit th

ss i ti h i i s  
i th isi T h i sit h T s  
i sit

ss i i z  
st T s t t i sit h i sit ississi i

ss i ti z  
st tist i sit t h sti i sit  
st

ss i t ss i t  
st t t i sit i i h s i sit

ss i t ss i s h  
h i sit st



ssist typ ss i ) ish iti  
st t t i sit st tist i sit  
s tt i sit

T  
ssist typ ss i si )  
i , sit T s  
ssist typ ss i t

ss i ( si )  
st i i sit th tist Th i-

ss i ( si )  
s h i i sit

T (2  
ssist t ss i s it t  
i sit i i i h i sit

(2  
ssist t ss i i  
i s i i sit i sit st

T T (2 2  
ssist t ss  
st i is i sit T i sit

T  
ss i t ss i iti i i t th st  
ts  
i sit T s sti h i sit st

T TT  
ss i h isti it h i s h h i t t h isti it  
h  
s tist i sit i h th st tist Th i  
i

(2  
ss i t ss  
T s i sit h i i sit

T  
ss i t ti st s t  
t t i sit h i t t i sit

T T (2  
st t i h i s h  
s tist i sit h i sit

T (2  
st t i h i s h  
s tist i sit h i sit

T  
ss i t ss i i  
i sit h T s T h i sit

(2  
ssist t ss i i  
i sit th T s h T s i sit



ssist <sup>(2</sup> ss i si  
 i sit i i t t i sit  
 T <sup>(2</sup> ss i ti hi t t ti -  
 si th i sit th i t h i i sit  
 th i t t i sit  
 ss i t <sup>(</sup> ss i t  
 st t t i sit i sit st  
 ssist <sup>(2</sup> ss i ti  
 isi t t i sit T s i sit i sit  
 st  
 T <sup>(2</sup> ss i hi  
 ss i t hi s i sit h i sit hi  
 ssist <sup>(2</sup> ss i ti

ss i ti (2)  
i is t t i sit i sit i i i sit

ssist T(2)  
ss si  
i sit tist i i sit i i ti

ssist ss i si  
T s h isti i sit T s s i sit

ssist (2)  
ss i si  
i sit i sit T s th i t  
st

T T  
ss i ish h i t t s  
it h i i sit

ssist (2)  
ss i si  
i sit T s s s i i i i sit

isiti (2)  
ss i si  
i sit h i

T  
ss i s h h s s i h s i  
h i t t h i i s i t st tsi  
h isti s i i t st tsi s h -

is i sit i sit i i - s s h  
i sit ss h s tts

ss i i (2)  
i sit i sit i t th i sit  
i sit T s sti

T  
ss i i i ti  
s i s st tist i sit  
i sit st

ss i s h i  
T s h isti i sit i sit st t  
h i sit st

ss i t (2)  
ss shi i t  
ist t i sit h i sit h



ss i T ti  
T s th th st T s t t i sit  
T s s i sit

ssist T T (2  
T s th i sit h t t i sit

T ss i th ti s h i th t t th ti s  
h si s i t th - i i h i sit T s sti  
th t t s s h i sit T s sti

ss i t (2 2  
ss i ist  
h i sit s - i

ss i t ss i i  
i sit T s t t i th st tist Th -  
i i i sit iss i- i

ss i ss i ti is t T e o e ian  
i sit th i sit st i h  
T s i sit

ssist T ss i si ss  
i s hi t t i sit i st i st Th -  
i i i sit st

ss i si (2  
Th - ts iti s h t i t i

ssist i i sit T i sit i sit T s  
th i t st

T T  
ssist i sit st t st tist i sit  
T T  
ssist ss i th ti s  
ss t t i sit i sit st t

TT T  
ss i i  
T s T h i sit h i sit i i

T  
ss i h ss i t ts iti s  
t h i iti s

ss i i  
st tist i sit i stit t T h  
h i sit T s th i t st

(2  
ss i t ss i ti T h  
i sit st tist i sit i sit  
st

(2  
ss i t ss i<sup>2</sup> ish  
i sit h i sit th i t h i

ss i i  
i sit i sit T s t i  
h i sit th T s

T (2  
ssist t ss i i  
i sit i h i sit T s

ss i t ss i i s  
i sit T s s h T s T h

ss i h isti i t  
i - i s i sit Th th st tist Th i-  
i

T  
ss i h ist h i<sup>2</sup> th t t h ist



i	isi				
i	i s	itt			
i	ish	st			
i	t	it			
i		t			
t					
i	i s		s		
i	ti				
i		t			
t					
i	s	s			
i	h	shi	s		
i	t	t			
i	s	si			
i	i				
t	T				
ti					
it	ti			2	
hi	t	s			
T	it	i			
issi	s			22	
i	s	ith			
is	iti	s	t		
i	ist	ti	i	s	
th	i	sit			
i	ist	ti	ith		z
t	t				
issi	s			2	
it	issi			z	2
t	t			z	2
iti		t		z	2
sh				z	2
t	t	ts		z	2
i	h	h	i		z
t	ti	t	ts		z
-			t		z
st-		t			z
isi		issi			z
-	t	ts			z
i	iti	s			z
T	s	t	ts		z
T	si	t	ts		z
t	ti	ti	ts		z
i	s	ith	is	iti	s
t					
ti	h	stit	t	issi	
Th					
i	ti				
i	ti		ti		

i	si				
t					
ts		iti	s		
-	i	t	t		
ss	i	t	i	si	2
th	ti	T	i	i	
tt			i	ts	
it	issi				z
t		s			
h	ts				
h	si	ss			
	i	ist	ti		
h		t	i	s	
h	si				2
h	i				2
h	i	si	t	t	2
h	i	i	s	t	2
i	i	ti			2
i		t			2
t	-				
i	h	ist			2
i					2
	T	st	s		z
	st	ti			
		t			
si	ss				
si	ss	i	ist	ti	
si	ss		i	s	
		th	i	sit	2 -2
	st				
t		i	i	ist	s
ti	ti	i	ti		
h		i	ti	s	
h	ti				
h	ist				2
hi		t			
h	isti	ts			
h	isti	it			2
h	h	t	hi		
h	h	si			
ssi	i	ti		t	
t	ts				
ss		i	it		2
		i	t	it	
		t			
	i	ti	s		
it	i		shi		2
sit	i				2
sit	i	t	i	s	22

t            ti       st   s       .  
t            t                            .  
t    p    i   i                            z

	i	ti	ssist	
»	t	shi	»	( t » )
	ti		T	t
		t	ti	
	t	it	t	i
		t		
		ti	ssist	
»		(	»	)
T	s	t		
T	iti		i	ti
th	t	t	ts	(T
			ss	)
»	i	t		i
		t	(	»
			)	ts

si - h h  
 si ti  
 si s s  
 si  
 si h  
 si T h ti i ti  
 si Th / siti  
 t th stit ti  
 - t t t  
 issi  
 si 2<sup>Z</sup>  
 ss i t 2  
 h i 2  
 - s s s  
 i ti i i 2  
 ss- i s s  
 t t t ts,  
 i i s  
 si  
 hi Th t h shi  
 hi s h  
 h t h  
 h si i 22  
 h si s 2  
 i is  
 iti i 2  
 st- t issi 2<sup>Z</sup>  
 - i i 22  
 - th ssi s 22  
 - t 22  
 - i 22  
 - t t 222  
 h 22  
 h si Th 22<sup>Z</sup>  
 h si i s ssist t 22  
 si ti i h shi s  
 i it ist ti  
 ti - i  
 ssi ti  
 ssi iti  
 i i i ts 2-<sup>Z</sup>  
 isi issi s 2<sup>Z</sup>  
 sts h shi T s s  
 s h  
 i i  
 s th i sit  
 - t issi  
 i i i  
 i - i i i s  
 ist ti  
 i i s i  
 h shi s s  
 ts  
 t s s  
 si i - si 2

si i t  
 t  
 t  
 T ss i t  
 i  
 h si  
 h shi s stit ti  
 hi t s  
 sts h shi T s s  
 s h shi T s s  
 hi Th t h shi  
 i i i  
 h h t hi  
 s i h shi s  
 i h shi  
 ts- - i  
 h shi  
 i ist i ts t  
 si ti i  
 h shi s  
 t i i s  
 ti i  
 h sti t i  
 t  
 t  
 i th ti s 2  
 ti - i is i iti s  
 s  
 t  
 i i  
 st  
 i iti - issi  
 i i s  
 i  
 i i i s 2-<sup>Z</sup>  
 ith t i s  
 ith i ts  
 i  
 ish  
 i i ti  
 i ti  
 i i ti s  
 h i ti  
 i it i 2  
 i it i  
 ti i t  
 i it i t iti s 2  
 t si i s  
 t ts  
 t s si i  
 t t ts  
 t s si i t t  
 t t ts



