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BULLETIN
MEMPHIS STATE COLLEGE

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SCHEDULE OF CLASSES

Spring Quarter, 1951

REGISTRATION

March 19—Juniors and Seniors—82 hours or over.

You may pick up your registration materials after 1:00 P.M., Friday, March 16. No course will be signed by an instructor before 8:00 A.M. Monday, March 19.

March 20—Freshmen and Sophomores—Less than 82 hours.

You may pick up your registration materials after 1:00 P.M., Monday, March 19. Registration will begin immediately.

Examination Schedule—Winter Quarter 1951

See Page 11 of this Bulletin

A student may cancel or add a course through March 29. No course may be canceled after March 29. *Courses are canceled through the Dean's office.* A student may drop a course between March 30 and April 27 by obtaining the written permission from the instructor and presenting the approved drop card to the Registrar. A student may withdraw from the College by advising the Dean in writing. Failure to give official notice of withdrawal will result in a grade of "F" in each course for which the student was registered.

PROCEDURE OF REGISTRATION

1. A student's admission credentials must be on file in the Registrar's Office before a matriculation card will be issued.
2. The matriculation cards should be filled in completely before they are submitted to instructors for their initials.
3. All women students, whether they live in the dormitory or elsewhere, must have the Dean of Women's notation that place of residence is approved. Her office is on the 3rd floor of the Administration Building.
4. After registration in all courses has been approved by the instructors, the matriculation card must be presented to your major professor and the Dean for approval.
5. After the matriculation card is approved by the Dean, it must be taken to the Bursar's office, where all fees must be paid. Veterans attending under the G.I. Bill of Rights should report to the Veterans Coordinator on the first floor instead of the Bursar.

VETERANS

1. Clear your entrance requirements with the Registrar.
2. Get your matriculation card from the office of the Veterans Coordinator on the first floor.
3. After the Dean has reviewed and approved your program of studies, leave your blue card in the Dean's office and take your approved matriculation card to Mr. Davis in the Veterans' Office.
4. All questions concerning apartments on the campus for veterans should be referred to Dr. R. W. Johnson in Room 108 of the Administration Building.

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
ART AND PENMANSHIP							
ART							
113	Art Education for Intermediate Grades and Junior High School		10:00	TTS	3	McCormack	301
213	Drawing and Composition		9:00	MWF	3	McCormack	301
311	Art Appreciation		12:00	MWF	3	McCormack	301
313	Advanced Drawing and Painting		9:00	TTS	3	McCormack	301
411	Public School Art		2:00	MWF	3	McCormack	301
PENMANSHIP							
100	Teaching of Penmanship		11:00	TT	1	McCormack	301
BIOLOGY							
113	Introduction to Biology	Lec. 1	11:00	MF	3	Bennett	M106
		Lec. 2	1:00	MF	3	Bennett	M206
		Lab. 1	8:00-10:00	Tu		Bennett	M205
		Lab. 2	1:00- 3:00	Tu		Bennett	M205
		Lab. 3	1:00- 3:00	W		Bennett	M205
		Lab. 4	8:00-10:00	Th		Bennett	M205
		Lab. 5	1:00- 3:00	Th		Bennett	M205
122	Anatomy and Physiology	Lec. 1	8:00	TT	4	Folden	M206
		Lab. 1	10:00-12:00	MW		Folden	M201
		Lab. 2	10:00-12:00	TT		Folden	M201
130	Microbiology	Lec. 1	9:00	MW	4	Rudolph	M206
		Lab. 1	10:00-12:00	MW		Rudolph	M202
		Lab. 2	10:00-12:00	TT		Rudolph	M202
143	Zoology	Lec. 1	11:00	MWF	4	Freeman	M206
		Lec. 2	1:00	MWF	4	Rudolph	M302
		Lec. 3	10:00	TTS	4	McGowan	B206
		Lab. 1	1:00- 3:00	M		Folden	M201
		Lab. 2	8:00-10:00	Tu		McGowan	M201
		Lab. 3	8:00-10:00	W		McGowan	M201
		Lab. 4	1:00- 3:00	W		Folden	M201
		Lab. 5	8:00-10:00	F		McGowan	M201
		Lab. 6	1:00- 3:00	F		Folden	M201
		Lab. 7	8:00-10:00	S		Folden	M201
203	General Botany	Lec. 1	9:00	MW	4	Freeman	M203
		Lab. 1	2:00- 4:00	MW		Freeman	M203
204	Field Botany	Lec. 1	1:00	TT	4	McGowan	M206
		Lab. 1	2:00- 4:00	TT		McGowan	M200
302	Bacteriology	Lec. 1	9:00	TT	4	Rudolph	
		Lab. 1	1:00- 3:00	TT		Rudolph	M202
310	Landscape Gardening		1:00	MWF	3	Freeman	M203
332	Vertebrate Embryology	Lec. 1	9:00	TT	4	Freeman	M206
		Lab. 1	1:00- 3:00	TT		Folden	M201
340	Ornithology	Lec. 1	8:00	MWF	4	Bennett	M205
		Lab. 1	10:00-12:00	Th		Bennett	M205
G440	Field Zoology	Lec. 1	11:00	TT	4	Freeman	M203
		Lab. 1	1:00- 3:00	MW		McGowan	M202
	For Materials and Methods in High School Biology, see Education 391-2.						
BUSINESS ADMINISTRATION							
111	Introduction to Business I		9:00	MWF	3	Teague	314
112	Introduction to Business II		8:00	MWF	3	Cambron	302
113	Introduction to Business III	1	8:00	MWF	3	Teague	301
		2	11:00	MWF	3	Fisher	L-104
		3	1:00	MWF	3	Fisher	L-104
		4	8:00	TTS	3	Teague	311
		5	9:00	TTS	3	Cambron	L-104
		6	10:00	TTS	3	Teague	L-104
161*	Elementary Typing I		10:00	TTS	3	Causey	315
162	Elementary Typing II	1	11:00	MTWT	3	L. Crawford	315
		2	1:00	MTWT	3	L. Crawford	315
		3	2:00	MTTF	3	Causey	315
163	Elementary Typing III	1	8:00	MWFS	3	L. Crawford	315
		2	9:00	MWFS	3	L. Crawford	315
		3	12:00	MTTF	3	Causey	315
		4	3:00	MTTF	3	Causey	315
221	Principles of Accounting I	Lec. 1	8:00	TuS	3	Spiceland	313
		Lab. 1	8:00-10:00	Th		Staff	313
		Lec. 2	11:00	TuS	3	Spiceland	313
		Lab. 2	11:00- 1:00	Th		Staff	313
222	Principles of Accounting II	Lec. 1	8:00	MF	3	Taylor	313
		Lab. 1	8:00-10:00	W		Staff	313
223	Principles of Accounting III	Lec. 1	9:00	MF	3	Taylor	313
		Lec. 2	11:00	MF	3	Taylor	313
		Lec. 3	10:00	ThS	3	Spiceland	313
		Lab. 1	11:00- 1:00	W		Staff	313
		Lab. 2	9:00-11:00	Tu		Staff	313
251	Fundamentals of Shorthand I		8:00	MWF	3	Johnson	312

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
252	Fundamentals of Shorthand II	1	12:00	MWF	3	Johnson	312
253	Fundamentals of Shorthand III	2	9:00	MWF	3	Johnson	312
			11:00	TTS	3	Johnson	312
261	Advanced Typing		8:00-10:00	TT	3	L. Crawford	315
311	Corporation Finance		8:00	MWF	3	Fisher	L-104
313	Office Standards		10:00	TTS	3	Milner	311
322	Cost Accounting I		9:30-11:00	TT	3	E. Crawford	314
323	Cost Accounting II		8:00- 9:30	TT	3	E. Crawford	314
326	Intermediate Accounting I		11:00-12:30	MF	3	Spiceland	308
328	Income Tax Procedures I		9:00	MWF	3	Leonard	308
331	Business Law I		1:00- 2:30	MF	3	Spiceland	313
332	Business Law II		9:30-11:00	TT	3	Hurley	312
333	Business Law III	1	1:00	MWF	3	Hurley	308
		2	1:00- 2:30	TT	3	Hurley	314
341	Marketing I		9:00	MWF	3	Spindler	L-104
342	Advertising		2:00	MWF	3	Spindler	314
343	Retailing	1	12:00	MWF	3	Spindler	301a
		2	10:30-12:00	TT	3	Spindler	308
345	Insurance		11:00	TTS	3	Hurley	L-104
346	Transportation		11:00	MWF	3	Milner	312
351	Advanced Shorthand Theory I		11:00	TTS	3	Causey	314
352	Advanced Shorthand Theory II		1:00- 2:30	TT	3	Johnson	312
353	Advanced Shorthand Theory III		12:00	MWF	3	Teague	L-104
413	Public Finance	1	8:00	MWF	3	Milner	311
		2	8:00	TTS	3	Milner	308
422	Advanced Accounting		9:00-10:30	TT	3	Taylor	308
423	Analysis of Financial Statements		12:00- 1:30	TT	3	Taylor	308
428	Income Tax Procedures		8:00	MWF	3	Leonard	308
442	Management of Small Business		8:00- 9:30	TT	3	Spindler	312
443	Personnel Administration		1:00	MWF	3	Milner	312
445	Business Letter Writing		1:00	MWF	3	Cambron	314
446	Communications and Report Writing	1	11:00	MWF	3	Cambron	314
		2	8:00	TTS	3	Cambron	L-104
447	Real Estate		12:00	MWF	3	Hurley	314

For Materials and Methods in Business Subjects, see Education 391-2.

*One hour of laboratory per week to be arranged.

CLASSICAL AND MODERN LANGUAGES

FRENCH

113	First Year French	1	1:00	MWF	3	Heatherly	205
		2	8:00	TTS	3	Heatherly	205
213	Second Year French		9:00	MWF	3	Heatherly	205
313	Survey of French Literature		9:00	TTS	3	Heatherly	205
412	The Novel		11:00	TTS	3	Heatherly	205

GERMAN

111	Beginning German		12:00	MWF	3	Linden	M310
112	Beginning German	1	9:00	TTS	3	Linden	M310
		2	11:00	TTS	3	Linden	M310
113	Beginning German	1	9:00	MWF	3	Linden	M310
		2	11:00	MWF	3	Linden	M310
213	Advanced Readings in German Literature		10:00	TTS	3	Linden	M310

LATIN

100a	Elementary Latin		1:00	MWF	3	Matthews	212
100b	Elementary Latin		12:00	MWF	3	Matthews	212
100c	Intermediate Latin		12:00	TTS	3	Matthews	212
20	Ovid—Selections		8:00	MWF	3	Matthews	212
302	Vergil. Bks. VI-XII of Aeneid		8:00	TTS	3	Matthews	212

SPANISH

113	First Year Spanish	1	8:00	TTS	3	Heiskell	203
		2	9:00	TTS	3	Heiskell	203
		3	2:00	MWF	3	Heiskell	203
213	Second Year Spanish		11:00	MWF	3	Heiskell	203
321	Advanced Composition and Conversation		8:00	MWF	3	Heiskell	203
333	Modern and Contemporary Prose Writers		9:00	MWF	3	Heiskell	203

EDUCATION

106	Child Psychology		8:00	MWF	3	Cobb	200
111	Principles of Secondary Education	1	2:00	MWF	3	Roland	200
		2	9:00	TTS	3	Roland	200
26	The Teaching of Language Arts in the Elementary Grades		1:00- 2:30	TT	3	Cobb	200
307	The Psychology of Adolescence		8:00	TTS	3	Rumble	201
308	Educational Psychology		8:00	MWF	3	Duggins	201

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
381*	Foundations of Teaching Methods in High School Subjects	1	9:00	TTS	3	Rawls	201
		2	11:00	TTS	3	Rawls	201
382*	Materials and Methods in High School Subjects: General Course	1	9:00	TTS	4	Rawls	201
		2	11:00	TTS	4	Rawls	201
391-2*	Materials and Methods in High School Biology		9:00	MWF	3	Bennett	M205
391-2*	Materials and Methods in High School Business Subjects		8:00	MWF	3	Crawford	314
391-2*	Materials and Methods in High School Home Economics		8:00	TTS	3	Henderson	M302
391-2*	Materials and Methods in High School Mathematics		11:00	TTS	3	Kaltenborn	300
391-2*	Materials and Methods in High School Music		9:00	MWF	3	Taylor	100
391-2*	Materials and Methods in High School Physical Sciences		10:00	TTS	3	Hayden	M105
391-2*	Materials and Methods in High School Social Studies		8:00	TTS	3	Johnson	106
416-7	Directed Student Teaching in High School Subjects		To be arranged		3-6	Roland	Tr. Sch.
418	Directed Student Teaching in High School Subjects		To be arranged		5	Roland	Tr. Sch.
426-7-8	Directed Student Teaching in the Elementary Grades		To be arranged		3-9	Roland	Tr. Sch.
443	The Teaching of Arithmetic in the Elementary Grades		11:00	MWF	3	Cobb	200
444	The Teaching of the Social Studies Through the Block of Time Program		4:30- 5:50	TT	3	Cobb	200
446	The Teaching of Reading in the Elementary Grades		1:00- 2:30	TT	3	Duggins	201
451	History of Education		9:00	MWF	3	Agnew	200
452	History of Education in the United States	1	1:00	MWF	3	Agnew	200
		2	8:00	TTS	3	Agnew	200
461	The Secondary School Curriculum		2:00	MWF	3	Underwood	201
471	Guidance in the Secondary School	1	3:00	MWF	3	Agnew	200
		2	10:00	TTS	3	Agnew	200
481	High School Administration		11:00	MWF	3	Underwood	201

*To meet certification requirements, a student enrolling in Education 381 must at some time enroll in Education 391. A student with credit in either Education 391 or Education 411 will register a special methods course in a second field of study as Education 392. Education 383 is open only to a student who has not had and is unable to obtain or schedule a methods course in his field of concentration before graduation, and who has arranged for a one-hour conference period each week with the head of the department preparing him for his student teaching. A student with credit in Education 416 or Education 426 will register the second student teaching course as Education 417 or Education 427, respectively. Education 418 is open only to the student with senior standing who has credit in Education 382 or Education 413, or is enrolled in Education 382. The student who plans to enroll in student teaching courses during the Fall Quarter 1951-52 must have his application approved not later than April 30, 1951.

ENGLISH

111	English Fundamentals	1	8:00	TTS	3	Mrs. Evans	L-101
		2	11:00	MWF	3	McLaurin	L-103
		3	12:00	MWF	3	Seay	207
112	English Fundamentals	4	1:00- 3:00	TT	3	Mrs. Evans	L-101
		1	9:00	MWF	3	Abbott	L-103
		2	9:00	TTS	3	Fox	L-101
		3	10:00	TTS	3	Taft	C-2
		4	11:00	TTS	3	Miss Lewis	207
113	English Fundamentals	5	1:00	MWF	3	Fox	L-101
		1	8:00	MWF	3	Mrs. Evans	L-103
		2	8:00	MWF	3	Miss Lewis	207
		3	8:00	MWF	3	Fox	L-101
		4	8:00	TTS	3	Seay	207
		5	8:00	TTS	3	Merrin	101a
		6	8:00	TTS	3	Abbott	L-103
		7	9:00	MWF	3	Dr. Lewis	202
		8	9:00	MWF	3	Mrs. Evans	L-101
		9	9:00	TTS	3	Cornelius	202
		10	10:00	TTS	3	Bannon	209
		11	10:00	TTS	3	Seay	207
		12	10:00	TTS	3	Mrs. Evans	L-101
		13	11:00	MWF	3	Hill	214
		14	11:00	TTS	3	Hill	214
15	11:00	MWF	3	Fox	L-101		
16	11:00	TTS	3	Fox	L-101		
17	11:00	TTS	3	Wynn	101a		
18	12:00	MWF	3	Wynn	101a		
19	12:00	TTS	3	Abbott	L-101		
20	1:00	MWF	3	Cornelius	202		
21	1:00	MWF	3	Merrin	101a		
22	2:00	MWF	3	Dr. Lewis	202		
23	2:00	MWF	3	Seay	207		

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
211	English Literature	1	9:00	MWF	3	Merrin	101a
		2	10:00	TTS	3	Merrin	101a
		3	12:00	MWF	3	Carson	214
		4	1:00- 2:30	TT	3	Hill	214
212	English Literature	1	8:00	TTS	3	Dr. Lewis	202
		2	9:00	TTS	3	Wynn	101a
		3	9:00	MWF	3	Bannon	209
		4	10:00	TTS	3	Dr. Lewis	202
		5	2:00	MWF	3	Wynn	101a
		6	3:00	MWF	3	Bannon	209
213	American Literature	1	8:00	MWF	3	Cornelius	202
		2	8:00	MWF	3	Farrior	209
		3	8:00	TTS	3	Evans	214
		4	9:00	TTS	3	Evans	214
		5	10:00	TTS	3	Abbett	L-103
		6	11:00	MWF	3	Cornelius	202
		7	11:00	MWF	3	Miss Lewis	207
		8	11:00	TTS	3	McLaurin	L-103
		9	1:00	MWF	3	Miss Lewis	207
		10	1:00	MWF	3	Farrior	209
		11	1:00	MWF	3	McLaurin	L-103
		12	2:00	MWF	3	Abbett	L-103
		13	3:00	MWF	3	McLaurin	L-103
312	The American Novel		11:00	TTS	3	Cornelius	202
323	Southern Literature	1	11:00	TTS	3	Farrior	209
		2	2:00	MWF	3	Farrior	209
331	The Short Story		8:00	MWF	3	Hill	214
341	Eighteenth Century English Literature		8:00	TTS	3	Bannon	209
343	Victorian Prose and Poetry		8:00	MWF	3	Wynn	101a
351	Literature in his Elementary Grades		11:00	TTS	3	Cobb	200
362	World Literature—Medieval Period		9:00	MWF	3	Seay	207
373	Advanced Composition		11:00	MWF	3	Bannon	209
382	New Testament Literature		1:00	MWF	3	Evans	214
420	Edmund Spenser		11:00	MWF	3	Merrin	101a
422	The Poetry of Milton						
433	Shakespeare's Comedies and Histories		9:00	MWF	3	Evans	214
			9:00	TTS	3	Carson	209
443	English Grammar		9:00	TTS	3	Miss Lewis	207
453	English Novel		10:00	TTS	3	Hill	214
463	Whitman and his Influence on American Poetry		9:00	TTS	3	McLaurin	L-103

JOURNALISM

212J	Elementary News Writing		8:00	TTS	3	Taft	C-2
311J	Reporting		9:00	MWF	3	Kendrick	C-2
312J	Copyreading and News Makeup		11:00	MWF	3	Taft	C-2
313J	Literary Journalism		9:00	MWF	3	Taft	C-1
321J	Journalism in the Secondary School		9:00	TTS	3	Kendrick	C-2
323J	Feature and Article Writing		12:00- 1:30	TT	3	Taft	C-2
403J	Journalism Laboratory		2:00- 4:00	MW	3	Kendrick	C-1
413J	The Community Newspaper		11:00	TTS	3	Kendrick	C-2

HEALTH AND PHYSICAL EDUCATION

HEALTH

103	Health Education in the Elementary School		1:00	MWF	3	Davis	M-308
200	School Health Service	1	9:00	MWF	3	Friesz	M-308
		2	9:00	TTS	3	Friesz	M-308
241	Elementary Nutrition		8:00	MWF	3	Henderson	M302

PHYSICAL EDUCATION

100	Conditioning Exercises and Games for Men	1	8:00	MWF	1	Humphreys	Gym
		2	9:00	MWF	1	Murphy	Gym
		3	3:00	MWF	1	Tarry	Gym
		4	12:00	TTS	1	Tarry	Gym
100	Inactive (Men)		11:00	MWF	1	Hatley	Gym
100	Conditioning Exercises and Games for Women	1	9:00	TTS	1	Tefft	Gym
		2	10:00	TTS	1	Tefft	Gym
		3	11:00	TTS	1	Tefft	Gym
		4	2:00	MWF	1	Tefft	Gym
100	Inactive (Women)		8:00	TTS	1	Tefft	Gym
211	Inactive (Men)		11:00	MWF	1	Hatley	Gym
215	Tennis (Men)		9:00	MWF	1	Humphreys	Gym
216	Golf (Men)		12:00	MWF	1	Murphy	Gym
221	Softball (Men)	1	9:00	MWF	1	Tarry	Gym
		2	12:00	MWF	1	Tarry	Gym
251	Inactive (Women)		8:00	TTS	1	Tefft	Gym
252	Tap Dancing		1:00	MWF	1	Tefft	Gym
255	Tennis (Women)	1	10:00	TTS	1	Roane	Gym
		2	11:00	TTS	1	Roane	Gym

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
256	Golf (Women)		2:00	MWF	1	Roane	Gym
261	Recreative Games (Women)		11:00	MWF	1	Roane	Gym
291	Plays and Games for the Elementary Schools		1:00	MWF	3	Curlin	102a
313	Playground Methods and Activities		11:00	TTS	3	Curlin	102a
323	Fundamentals and Techniques of Track and Field		9:00	MWF	3	Hatley	102a
324	Fundamentals and Techniques of Baseball and Softball		8:00	MWF	3	Hatley	102a
326	Teaching Adult Recreative Sports	Lec. Lab.	8:00 2:00	TT TT	3	Roane Roane	102a Gym
331	Physical Education Activities for High School		9:00	MWF	3	Roane	
333	Organization and Administration of Health and Physical Education		2:00	MWF	3	Humphreys	102a
341	Safety and First Aid		9:00	TTS	3	Curlin	102a

HOME ECONOMICS

111	Clothing Selection		9:00	TTS	3	Whitaker	M314
112	Clothing Construction I	Lec. Lab.	11:00 11:00-1:00	W MF	3	Whitaker Whitaker	M314 M313
113	Clothing Construction II	Lec. Lab.	2:00 2:00-4:00	W MF	3	Whitaker Hinton	M314 M313
181	Art in Everyday Life		8:00	TTS	3	Whitaker	M314
241	Elementary Nutrition		8:00	MWF	3	Henderson	M302
242	Principles of Food	Lec. Lab.	9:00 8:00-10:00	M WF	3	Henderson Hinton	M302 M305
243	Meal Planning and Service	Lec. Lab.	10:00 10:00-12:00	S TT	3	Henderson Hinton	M302 M305
313	Dressmaking and Design	Lec. Lab.	10:00 10:00-12:00	S TT	3	Whitaker Whitaker	M314 M313
342	Nutrition I	Lec. Lab.	12:00 11:00-1:00	TT S	3	Henderson Hinton	M302 M303
343	Nutrition II	Lec. Lab.	11:00 11:00-1:00	MF W	3	Henderson Hinton	M302 M303
483	Home Management and Consumer Education		9:00	MWF	3	Whitaker	M314

INDUSTRIAL ARTS

143	General Shop—Ceramics	Lec. Lab.	12:00 2:00-4:00 2:00-4:00 2:00-4:00 11:00	Tu M W F TT	2	Nave Nave Nave Nave Nave	1 1 1 1 1
151	Mechanical Drawing I		11:00-1:00	TTS	3	Brotherton	3
153	Descriptive Geometry		8:00-10:00	TTS	3	Brotherton	3
			11:00-1:00	MWF	3	Brotherton	3
155	Blue Print Reading		1:00	MWF	3	Brotherton	3
162	Machine Woodwork I		11:00-1:00	TTS	3	Simmons	3
163	Wood Turning		8:00-10:00	TTS	3	Simmons	3
241	Pattern Making	Lec. Lab.	2:00 2:00-4:00	W M	2	Street Street	4 4
242	Foundry	Lec. Lab.	3:00 2:00-4:00	W F	2	Street Street	4 4
243	Home Maintenance	Lec. Lab.	12:00 12:00-2:00	T Th	2	Coltharp Coltharp	4 4
273	Art Metal		9:00-11:00	TTS	3	Nave	1
281	Basic Electricity		8:00-10:00	TTS	3	Street	5
283	Radio		11:00-1:00	TTS	3	Street	5
341	Materials of Industry I		10:00	TTS	3	Coltharp	1
342	Materials of Industry II		8:00	TTS	3	Coltharp	1
343	Production Analysis		11:00	MWF	3	Coltharp	1
353	Architectural Drawing		8:00-10:00	MWF	3	Brotherton	3
362	Upholstery		8:00-10:00	MWF	3	Simmons	2
363	Wood Finishing		2:00-4:00	MWF	3	Simmons	2
373	Machine Shop II		8:00-10:00	MWF	3	Street	4
441	Industrial Arts for Teachers		8:00-10:00	MWF	3	Nave	1
			2:00-4:30	TTS	3	Nave	1
			12:00-3:00	S	3	Coltharp	1
462	Tools & Maintenance		11:00-1:00	MWF	3	Street	4
463	Production Methods		11:00-1:00	MWF	3	Simmons	2

MATHEMATICS

100	Solid Geometry		12:00	MWF	3	Clark	300
101	Survey of Mathematics		11:00	MWF	3	Anderson	300
103	Survey of Mathematics		10:00	TTS	3	Anderson	307
110	Intermediate Algebra		2:00	MWF	3	Mrs. Kaltenborn	311
111	College Algebra		12:00	MTWTF	5	Williams	311
			1:00	MTWTF	5	Mrs. Kaltenborn	311
112	Trigonometry		9:00	MTWTF	5	Williams	311
			11:00	MTWTF	5	Williams	311
			1:00	MTWTF	5	Clark	300

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
113	Analytic Geometry	1	9:00	MTWTF	5	Anderson	300
		2	1:00	MTWTF	5	McBride	307
301	Mathematics of Finance		2:00	MWF	3	Anderson	300
311-2	Calculus		9:00	Daily	6	McBride	307
312	Calculus		8:00	MTTF	4	McBride	307
313	Calculus		8:00	MTTF	4	Kaltenborn	300
323	Statistics		10:00	TTS	3	Kaltenborn	300
423	Advanced Calculus		4:30- 6:00	TT	3	Kaltenborn	300

For Materials and Methods in High School Mathematics, see Education 391-2.

MUSIC

112	Ear-Training, Sight-Singing, and Harmony		9:00	MTWTF	4	Eaheart	102
113	Ear-Training, Sight-Singing, and Harmony		8:00	MTWTF	4	Haggh	100
121	Music in the Elementary School		2:00	MWF	3	Harris	100
122	Elementary Music Appreciation		8:00	TTS	3	Taylor	101
133	Class Instruction in Stringed Instruments	1	8:00	MWF	2	Gilbert	101
		2	9:00	MWF	2	Gilbert	101
203	Advanced Ear-Training	1	12:00	MWF	2	Haggh	100
		2	9:00	TTS	2	Taylor	100
233	Class Instruction in Wood-Wind Instruments		2:00	WF	1	Taylor	101
236	Class Instruction in Brass and Percussion Instruments		3:00	MW	1	Taylor	101
243	Class Voice Instruction		1:00	MWF	2	Northcross	100
313	Advanced Harmony		1:00	MWF	3	Harris	102
321	Musical Form		11:00	TTS	3	Eaheart	102
341	Conducting		8:00	MWF	3	Eaheart	102
403	History of Music		8:00	TTS	3	Eaheart	102
413	Counterpoint		9:00	TTS	3	Harris	101
151	College Band		12:00	TTS	1	Taylor	101
251							
351							
451							
154	College Orchestra	1	11:00	MWF	1	Eaheart	101
254	Music Education Orchestra	2	10:00	TTS	1	Gilbert	101
354							
454							
161	College Choir (Opera Chorus)	1	11:00	MWF	1	Harris	Aud.
261	(Women's Glee Club)	2	11:00	MWF	1	Haggh	102
361							
461							
171	*Piano. Individual Lessons		To be arranged		1-2	Haggh Gandy	101a
271							
371							
471							
181	*Orchestral Instruments. Individual Lessons		To be arranged		1-2	Eaheart Gilbert Taylor Cobb	100
281							
381							
481							
191	*Voice. Individual Lessons		To be arranged		1-2	Northcross Robertson Mrs. Taylor	100
291							
391							
491							
195	*Organ. Individual Lessons		To be arranged		1-2	Harris	203a
295							
395							
495							

For Materials and Methods in High School Music, see Education 391-2.

*See catalogue for additional fees.

PHILOSOPHY AND PSYCHOLOGY

PHILOSOPHY

411	Survey of Philosophy		3:00	MWF	3	Hughes	304
412	Contemporary Philosophy		11:00	MWF	3	Hughes	304
413	Philosophy of Education		8:00	TTS	3	Hughes	304

PSYCHOLOGY

112	General Psychology	1*	1:00	MWF	3	Hughes	304
		2	9:00	MWF	3	Crumbaugh	302
		3	12:00	MWF	3	Crumbaugh	302
		4	1:00	MWF	3	Wilkinson	302
		5	2:00	MWF	3	Andersen	302
		6	10:00	TTS	3	Andersen	302
		7	11:00	TTS	3	Wilkinson	302
113	General Psychology	1	8:00	MWF	3	Wilkinson	302
		2	11:00	MWF	3	Wilkinson	302
		3	8:00	TTS	3	Andersen	302
		4	9:00	TTS	3	Crumbaugh	302
212	Psychology in Business and Industry		11:00	TTS	3	Crumbaugh	304
213	Social Psychology		9:00	MWF	3	Andersen	304

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
311	Psychology of Personality		9:00	TTS	3	Wilkinson	304
312	Psychology of Behavior Disorders		2:00	MWF	3	Crumbaugh	304
313	Great Contributions to Psychology		12:00	MWF	3	Andersen	304
	*For nurses only						

PHYSICAL SCIENCE

CHEMISTRY

112-3	General Chemistry	Lec. 1	9:00	MWF	6	Greer	M108		
		Lec. 2	9:00	TTS	6	McNees	M106		
		Lec. 3	11:00	MWF	6	Hayden	M105		
		Lab. 1	8:00-10:00	MWF		McNees	M101a		
		Lab. 2	8:00-10:00	TTS		Greer	M101b		
113	General Chemistry	Lab. 3	1:00- 3:00	MWF		Greer	M101a		
		Lec. 1*	8:00	MWF	4	Greer	M105		
		Lec. 2*	9:00	TTS	4	Fisher	M105		
		Lec. 3	9:00	WF	4	Hayden	M106		
		Lec. 4	1:00	TT	4	McNees	M105		
		Lec. 5	2:00	TT	4	McNees	M105		
		Lab. 1	10:00-12:00	TT		Fisher	M101a		
		Lab. 2	10:00-12:00	TT		Fox	M101b		
		Lab. 3	1:00- 3:00	MW		Fox	M101a		
		Lab. 4	1:00- 3:00	TT		Fox	M101b		
212-3	Qualitative-Quantitative Analysis	Lec.	8:00	TTS	7½	Fisher	M106		
		Lab.	1:00- 3:00	MWThF		Fisher	M103		
213	Elementary Quantitative Analysis	Lec. 1	8:00	MW	5	Holmes	M206		
		Lec. 2	11:00	MW	5	Fisher	M103		
		Lab. 1	8:00-10:00	MWF		Fisher	M103		
		Lab. 2	8:00 10:00	TTS		Holmes	M103		
		Lec.	8:00	TTS	6	Fox	M105		
322-3	Organic Chemistry	Lab.	8:00-10:00	MWF		Fox	M110		
		Lec. 1	11:00	WF	4	McNees	M106		
323	Organic Chemistry	Lec. 2	10:00	TT	4	Greer	M106		
		Lec. 3	1:00	MW	4	Hayden	M106		
		Lab. 1	10:00-12:00	TT		McNees	M110		
		Lab. 2	1:00- 3:00	MW		McNees	M110		
		Lab. 3	1:00- 3:00	TT		Hayden	M110		
		403	Biochemistry	Lec.	9:00	MW	4	Holmes	M105
				Lab. 1	10:00-12:00	TT		Holmes	M-B
				Lab. 2	1:00- 3:00	TT		Holmes	M-B
		413	Physical Chemistry	Lec.	2:00	MWF	4	Ijams	M211
				Lab.	1:00- 3:00	Th		Ijams	M108
423	Quantitative Analysis	Lec.	8:00	MW	4	Hayden	M108		
		Lab.	8:00-10:00	TT		Hayden	M109		

For Materials and Methods in High School Physical Sciences, see Education 391-2.

*Only for students who have not had high school chemistry.

PHYSICS

213	Heat, Sound, and Light	Lec. 1	8:00	MWF	4	Ijams	M211
		Lec. 2	9:00	MWF	4	Ijams	M211
		Lec. 3	9:00	TTS	4	Ijams	M211
		Lab. 1	1:00- 3:00	M		Sledge	M210
		Lab. 2	9:00-11:00	Tu		Sledge	M210
		Lab. 3	1:00- 3:00	Tu		Sledge	M210
		Lab. 4	1:00- 3:00	Th		Sledge	M210
		Lab. 5	10:00-12:00	F		Sledge	M210
		Lab. 6	1:00- 3:00	F		Sledge	M210
		243	Applications of Principles of Photography	Lec.	11:00	TT	3
Lab. 1	1:00- 3:00			W		Sledge	M208
Lab. 2	9:00-11:00			Th		Sledge	M208
323	Introduction to Radioactivity and Nuclear Physics		11:00	MWF	3	Ijams	M211

SOCIAL SCIENCE

ECONOMICS

211	Principles of Economics		2:00	MWF	3	Shepherd	105
212	Principles of Economics	1	9:00	MWF	3	Shepherd	105
		2	9:00	TTS	3	Mohr	105
213	Principles of Economics	1	8:00	MWF	3	Mohr	105
		2	11:00	MWF	3	Mohr	105
		3	12:00	MWF	3	Shepherd	105
		4	1:00	MWF	3	Mohr	105
		5	8:00	TTS	3	Shepherd	105
		6	10:00	TTS	3	Shepherd	105
313	Population		11:00	TTS	3	Mohr	105

GEOGRAPHY

121	Introductory Geography	1	8:00	MWF	3	Snyder	107
		2	8:00	TTS	3	Snyder	107

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
122	Introductory Geography	1	12:00	MWF	3	Dickson	107
		2	9:00	TTS	3	Dickson	107
123	Introductory Geography	1	8:00	MWF	3	Cramer	106
		2	12:00	MWF	3	Cramer	106
		3	1:00	MWF	3	Snyder	107
		4	2:00	MWF	3	Dickson	107
		5	8:00	TTS	3	Cramer	109
		6	10:00	TTS	3	Snyder	107
		7	11:00	TTS	3	Dickson	107
220	Geographic Tools		2:00	MWF	3	Cramer	106
221	The Western Hemisphere		9:00	MWF	3	Dickson	107
222	The Eastern Hemisphere	1	11:00	MWF	3	Matthews	106
		2	1:00	MWF	3	Matthews	106
314	Historical Geography of the United States		9:00	TTS	3	Matthews	106
321	South America		11:00	MWF	3	Snyder	107
323	Western Anglo-America		9:00	MWF	3	Johnson	106
423	Soviet Lands		10:00	TTS	3	Cramer	106
EUROPEAN HISTORY							
111	European Civilization to 1300	1	1:00	MWF	3	Harris	104
		2	9:00	TTS	3	Harris	104
112	European Civilization, 1300-1789	1	9:00	MWF	3	Gyles	104
		2	12:00	MWF	3	Gyles	104
113	European Civilization since 1789	1	8:00	MWF	3	Harris	104
		2	9:00	MWF	3	Noyes	109
		3	12:00	MWF	3	Noyes	109
		4	2:00	MWF	3	Robison	109
		5	8:00	TTS	3	Gyles	104
		6	10:00	TTS	3	Gyles	104
		7	11:00	TTS	3	Harris	104
303	History of England since 1783		11:00	MWF	3	Harris	104
313	Medieval Civilization		2:00	MWF	3	Gyles	104
403	Russian History		9:00	TTS	3	Noyes	109
412	Europe from 1815 to the Twentieth Century		8:00	MWF	3	Robison	109
413	Europe from Background of World War I to Present		10:00	TTS	3	Robison	109
AMERICAN HISTORY							
221	United States to 1837	1	12:00	MWF	3	Boom	C-4
		2	3:00	MWF	3	Boom	109
222	United States from 1837 to 1896	1	9:00	MWF	3	Newcomer	C-4
		2	8:00	TTS	3	Newcomer	C-4
		3	9:00	TTS	3	Brown	110
223	United States since 1896	1	9:00	MWF	3	Miller	110
		2	12:00	MWF	3	Brown	110
		3	1:00	MWF	3	Crane	C-4
		4	2:00	MWF	3	Brown	110
		5	3:00	MWF	3	Crane	C-4
		6	8:00	TTS	3	Miller	110
		7	9:00	TTS	3	Crane	C-4
		8	10:00	TTS	3	Miller	110
		9	11:00	TTS	3	Brown	110
321	The Colonial Period, 1492-1775		11:00	TTS	3	Crane	C-4
322	The Constitutional Period, 1775-1816		8:00	MWF	3	Crane	C-4
323	Nationalism to Secession, 1816-1860		2:00	MWF	3	Newcomer	C-4
333	Foreign Policy since 1921		8:00	MWF	3	Brown	110
422	Domestic Reforms and World War I, 1896-1918		3:00	MWF	3	Miller	110
423	Recent American History since 1918	1	1:00	MWF	3	Miller	110
		2	10:00	TTS	3	Boom	C-4
433	The West	1	11:00	MWF	3	Mitchell	110
		2	9:00-12:00	S	3	Mitchell	
POLITICAL SCIENCE							
221	National Government		3:00	MWF	3	Hamilton	C-3
222	State and Local Government	1	11:00	MWF	3	Hamilton	C-3
		2	11:00	TTS	3	Hamilton	C-3
223	Political Parties	1	8:00	MWF	3	Hamilton	C-3
		2	9:00	TTS	3	Hamilton	C-3
SOCIOLOGY							
211*	Principles of Sociology		2:00	MWF	3	Gordon	C-3
212	Rural Sociology		1:00	MWF	3	Gordon	C-3
213	The Family	1	9:00	MWF	3	Gordon	C-3
		2	8:00	TTS	3	Gordon	C-3
413	Criminology		10:00	TTS	3	Gordon	C-3

For Materials and Methods in High School Social Studies, see Education 391-2.

*For nurses only.

Course Number	Title	Sec.	Hour	Days	Credit	Instructor	Room
SPEECH AND DRAMA							
SPEECH							
241	Fundamentals of Public Speaking	1	10:00	TTS	3	Yerian and Staff	301a
		2	11:00	TTS	3	Yerian and Staff	301a
242	Speech Composition	1	11:00	TTS	3	Streeter	302a
		2	12:00	TTS	3	Streeter	301a
243	Reading Aloud	1	9:00	MWF	3	Bence and Staff	301a
		2	11:00	MWF	3	Bence and Staff	302a
		3	8:00	TTS	3	Bence and Staff	302a
		4	11:00	MWF	3	Bence and Staff	301a
		5	1:00	MWF	3	Bence and Staff	302a
341	Principles of Argumentation and Debate		12:00	MWF	3	Streeter	301a
344	Advanced Public Speaking		2:00	MWF	3	Yerian	301a
391	Methods of Teaching Speech		2:00	MWF	3	Streeter	301a
422	Speech for the Classroom Teacher		10:00	TTS	3	Streeter	302a
467	Speech Correction		8:00	TTS	3	Falconer	301a
DRAMA							
253	Speech and Movement for the Stage	Lec. Lab.	1:00 2:00	MWF W	3	Bence	Stage
255	Voice and Diction	1	12:00	TTS	3	Bence	302a
		2	9:00	MWF	3	White	302a
300	Forensic and Dramatic Activities		1:30- 3:00	TTS	1	Bence	Stage
351	Advanced Acting		1:00	MWF	3	White	301a
354	Interpretative Reading		9:00	TTS	3	Bence	302a
373	History of the Theatre and Survey of the Drama		9:00	TTS	3	White	301a

EXAMINATION SCHEDULE

Winter Quarter—1951

CLASSES MEETING AT:	WILL HAVE EXAMINATIONS ON:
8—on M. W. F.....	Wednesday, March 14 from 8 to 10
9—on M. W. F.....	Friday, March 16 from 8 to 10
11—on M. W. F.....	Wednesday, March 14 from 10 to 12
12—on M. W. F.....	Friday, March 16 from 12:30 to 2:30
1—on M. W. F.....	Wednesday, March 14 from 12:30 to 2:30
2—on M. W. F.....	Friday, March 16 from 2:30 to 4:30
3—on M. W. F.....	Wednesday, March 14 from 2:30 to 4:30

8—on T. T. S.....	Thursday, March 15 from 8 to 10
9—on T. T. S.....	Thursday, March 15 from 10 to 12
10—on T. T. S.....	Friday, March 16 from 10 to 12
11—on T. T. S.....	Thursday, March 15 from 12:30 to 2:30
12—on T. T. S.....	Thursday, March 15 from 2:30 to 4:30
OPEN PERIODS.....	{ Thursday, March 15 from 4:30 to 6:30
	{ Saturday, March 17 from 8 to 10
	{ Saturday, March 17 from 10 to 12

(Examinations for classes not shown on the above schedule will be held at one of the open periods. Announcement of the period to be used will be made to the class by the instructor.)

