

# Technology Education Broadfield

## 2014-2016 Course Catalog

All coursework must be completed with a "C" or better AND a minimum GPA of 2.75 in major, minor and/or option, and cumulatively is required.

Name: \_\_\_\_\_

GID#: \_\_\_\_\_

### UNIVERSITY CORE REQUIREMENTS

Rubric/#	Title	Cr	Gr
M 151Q	Pre-Calculus	4	
WRIT 101W	College Writing	3	
EDU 101US	Teaching & Learning	3	
<b>IA or RA</b>		3	
<b>IH or RH</b>		3-4	
<b>IN or RN</b>		4	
CHMY 121IN	Intro. to Gen. Chemistry		
<b>CS</b>		4	
PHSX 205	College Physics I		
<b>IS or RS</b>		3	
EDU 223IS	- Educational Psychology		
<b>D</b>		3	
EDU 211D	- Multicultural Education		
<b>(R, RA, RH, RN, RS)</b>			

In addition to EDU 211D, it is recommended that students take NASX 105 or NASX 232 to meet MT OPI *Indian Education For All* requirements if electives are needed.

Application to the Teacher Education Program must be completed one semester prior to enrolling in methods & teaching practicum courses. **You must be accepted into the program before enrolling in methods courses.**

Deadlines and instructions are located on the Education Advising website: [www.montana.edu/ehhd/educ/advising](http://www.montana.edu/ehhd/educ/advising)

### REQUIRED EDUCATION CLASSES

Please note that Education classes have pre-requisites that must be met or approved by the Education Department.

Rubric/#	Title	Cr	Gr
FCS 101IS	Ind Fam Dev Well-Being	3	
EDU 202	Early Field Experience	1	
This course requires an orientation the semester before.			
EDU 223IS	Ed. Psych. & Adol. Dev.	3	
EDU 211D	Multicultural Education	3	
EDU 382	Assm't, Curr. & Instruction	3	
EDSP 306	Exceptional Learners	3	
EDU 395	Teaching Practicum	3	
EDU 497-01	Methods: Ag & Tech Ed	3	
EDU 408	Professional Issues: 5-12	2	
EDU 495	Student Teaching	12	

**Total Professional Preparation: 36**

<p><b>It is the student's responsibility to review the requirement and confirm that they have met both the degree requirement AND the University requirement as stated in the MSU Course Bulletin.</b></p>	GPA & CREDIT TOTALS	
	MINOR GPA:	
	MAJOR (Content) GPA:	
	CUMULATIVE GPA:	
	# of Elective Credits:	
	# of Upper Division Credits	
Total # of Credits:	120	

Prior to acceptance in the Teacher Education Program and Student Teaching students must have a "C" or better in all professional and content courses and have a 2.75 GPA in major, minor and/or option, and cumulatively.



## MAJOR REQUIREMENTS (Content)

**Take ALL of the following**

Rubric/#	Title	Cr	Gr	
TE 101	Intro. To Technology Educ.	1		F
EELE 101	Intro to Electrical Fundamentals	2		F,S
TE 207	Materials & Process	4		F
DDSN 114	2-D Computer Aided Draft.	3		S
TE 250CS	Technology & Society	3		F,S,Su
PHSX 205	College Physics I	4		S,F,Su
TE 330	Transportation Tech.	3		ALT S
TE 331	Electronic & Video Comm Tech	4		S
TE 406	Curriculum & Facilities Plan.	3		F
TE 417C	Mass Production	3		F
TE 353	Teaching Practices	1		F
TE 410	Comp. Aided Machining & Man.	4		S

**The PRAXIS II exam must be successfully passed in every teaching major and minor before recommendation for teacher licensure will be given.**

**Students should plan to take the PRAXIS II exam prior to student teaching.**

**Take ONE (1) of the following**

Rubric/#	Title	Cr	Gr	
ETME 310	Machining/Industrial Safety	3		F

The coursework on this page represents the content area. These courses must combine to equal a 2.75 GPA prior to student teaching placement. Students pursuing this major are encouraged to pursue a Teaching Minor.

A minimum of 120 credits is required for graduation. Forty-two (42) of these credits must be in courses numbered 300 and above.

If adding a Teaching Minor, you should expect to take more than 120 credits to complete the program.

Prior to student teaching placement students must meet all requirements listed above, have a "C" or better in all professional and content courses and have a 2.75 GPA in all areas listed above in the GPA & Credit Totals box.

**Take ONE (1) of the following**

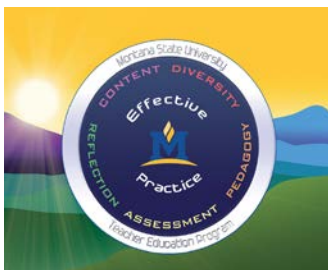
Rubric/#	Title	Cr	Gr	
AGED 333	Construction Technology	3		F
ARCH 241	Building Construction			

**Recommended Electives:**

Rubric/#	Title	Cr	Gr	
PHSX 305RN	Art & Science of Holography	3		S
HSTA 482	History of American Tech.	3		On dmd
GPHY 357	GPS Fund/App in Mapping	3		F

**Other Technology Education Electives**

Rubric/#	Title	Cr	Gr



## Technology Education Broadfield - Teaching Suggested Curriculum by Semester 2014-2016

*All coursework must be completed with a "C" or better AND a minimum GPA of 2.75 in major, minor and/or option, and cumulatively is required.*

### Freshman Year ( \_\_\_\_\_ cr)

*Summer Courses are recommended (not required) to reduce credit load in Fall/Spring semesters and support degree completion in 4 years.*

Fall				Spring			
Course	Cr	Grd		Course	Cr	Grd	
WRIT 101W - College Writing	3			EDU 101US – Teaching & Learning	3		
M 151Q – Pre-Calc./ M161Q – Survey of Calc	4			EDU 223IS - Ed Psych and Child Development	3		
FCS 101IS – Individ. & Fam. Dev.: Lifespan	3			EDU 202 – Early Field Experience	1		
TE 101 – Intro. To Technology Education (F)	1			EELE 101 – Intro to Electrical Fundamentals	2		
TE 207 – Materials and Processes (F)	3			CHMY 121IN – College Chemistry I (M 161/M 171)	4		
<b>Attend Orientation for EDU 202 – Early Field Experience in November – course will finish in the Spring Semester where credit is recorded.</b>				DDSN 114 – 2-D Computer Aided Drafting (S)	3		

### Sophomore Year ( \_\_\_\_\_ cr) Check course pre-requisites.

Fall				Spring				Summer
Course	Cr	Grd		Course	Cr	Grd		
PHSX 205 – College Physics I (M 151)	4			EDU 211D – Multicultural Education	3		Internship (3)	
TE 250CS – Technology & Society	4			TE 330 – Transportation Tech. (alt. S)	3			
Tech Elective	1-3			Tech Ed Elective	3			
IA/RA Core	3			Tech Elective	3		Tech Elective (3)	
TE 230 – 2-D Computer-Aided Drafting	3			IH Core	3-4			

\*It is recommended to take an RA to meet both the IA & R Core

### Junior Year ( \_\_\_\_\_ cr) Must be at 100-102 credits by end of Spring Semester to complete in 4 years.

Fall				Spring			
Course	Cr	Grd		Course	Cr	Grd	
EDU 382 – Assessment, Curriculum & Instruction	3			EDSP 306 – Exceptional Learners (Jr. St. + EDU 223IS)	3		
ETME 310 – Machining/Industrial Safety (F)	3			Tech Elective	3		
AGED 333 – Construction Technology (F)	3			TE 410 – Comp. Aided Machining & Man (S)	4		
ARCH 241 – Building Construction (F)				TE 331 – Electronic & Video Comm. Tech (S)	4		
Tech Elective	3						
R Core	3						

**Submit application to Teacher Education Program**

**Attend Student Teaching Meeting + Submit Grad App**

### Senior Year ( \_\_\_\_\_ cr)

Fall				Spring			
Course	Cr	Grd		Course	Cr	Grd	
EDU 497 – Methods: 5-12 Science	3			EDU 495 – Student Teaching	12		
EDU 395 – Practicum	3			EDU 408 – Professional Issues	2		
TE 406 – Curriculum & Facilities Plan (F)	3						
TE 417C – Mass Production (F)	3						
TE 353 - Teaching Practices (F)	1						
Tech Elective	3						
				Total # of Credits :			

**Submit Application to Student Teach to Field Placement  
Submit Graduation Application to Registrar via Advisor**

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_



## Department of Education • Semester Planning Sheet

Autumn Semester <input style="width: 30px;" type="checkbox"/>			Spring Semester <input style="width: 30px;" type="checkbox"/>			Summer <input style="width: 30px;" type="checkbox"/>		
Rubric	Number	Credits	Rubric	Number	Credits	Rubric	Number	Credits
Autumn Semester <input style="width: 30px;" type="checkbox"/>			Spring Semester <input style="width: 30px;" type="checkbox"/>			Summer <input style="width: 30px;" type="checkbox"/>		
Rubric	Number	Credits	Rubric	Number	Credits	Rubric	Number	Credits
Autumn Semester <input style="width: 30px;" type="checkbox"/>			Spring Semester <input style="width: 30px;" type="checkbox"/>			Summer <input style="width: 30px;" type="checkbox"/>		
Rubric	Number	Credits	Rubric	Number	Credits	Rubric	Number	Credits
Autumn Semester <input style="width: 30px;" type="checkbox"/>			Spring Semester <input style="width: 30px;" type="checkbox"/>			Summer <input style="width: 30px;" type="checkbox"/>		
Rubric	Number	Credits	Rubric	Number	Credits	Rubric	Number	Credits