Continuing Ed, Bitterroot FabLab & Workforce Training
Art, Business, Computers, 3D Printing, Laser Engraving,
Bookkeeping, CompTIA A+ Certification, and more!
Welcome to the Bitterroot College Fall 2018 Continuing Education Catalog! Find a course you like? There are four easy ways to register:

1. Register Online
   www.umt.edu/bitterroot-college

2. Register By Phone
   406.375-0100

3. Register in Person
   103 S 9th St, Hamilton

4. Register by Mail
   Complete registration form below or download one online at www.umt.edu/bc. Send completed form and check payable to Bitterroot College at 103 S 9th St, Hamilton, MT 59840

REGISTRATION FORM
Mail form & check to: Bitterroot College, 103 S 9th St, Hamilton, MT 59840

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TOTAL DUE

QUESTIONS? Call 406.375-0100
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CLASS LOCATIONS

Bitterroot College (BC)  
103 S 9th St, Hamilton

Bitterroot FabLab  
103 S 9th St, Hamilton

Hamilton High School (HHS)  
274 Old Corvallis Rd

Hamilton Middle School (HMS)  
209 S 5th St

Ravalli Entrepreneurship Center (REC)  
274 Old Corvallis Rd, Hamilton

Are you a Hamilton School District (HSD) resident?

Look for the HSD resident discount in bold maroon text.

Also, courses with the HSD resident discount are FREE to HSD residents age 65+ and HSD employees!

Free classes for Veterans!

Veterans Upward Bound (VUB) waives costs for vets taking Bitterroot College Continuing Education courses.

Contact Lori Borth with VUB for eligibility information.

1-800-356-VETS (8387)  
www.vubmt.com

Educating America’s Best

Veterans Upward Bound  
www.vubmt.com
ARTS

STUDIO ART

Thursdays, 18 Oct - 8 Nov
3:00pm - 4:30pm
BC Room 105
Lorna Gabel
$40 / $12 Material Fee $5
Instruction in drawing and painting tailored to the participant. Each class will provide a lesson and a suggested project, or you can bring your own project to get help with and work on. Emphasis on individual instruction and feedback.

INTRODUCTION TO PASTELS

24 Sep - 10 Oct
Mondays & Wednesdays
10:00am - 12:00pm
BC Room 118
Bruce DeFoor
$85
Learn to sketch and create colorful paintings outside as well as indoors. Professionals, amateurs, or beginners will all be happy they took this class!

KITE FESTIVAL

24 Sep - 10 Oct
Mondays & Wednesdays
1:00pm - 3:00pm
BC Room 119
Bruce DeFoor
$85 Material Fee $10
Build and paint a kite that will actually fly. On the last day we will celebrate with a giant kite festival! Guaranteed to be great fun while learning about art and flight.

LEARN THE SECRET TECHNIQUES OF THE PROFESSIONAL PHOTOGRAPHER

Tuesdays, 2 Oct - 23 Oct
6:00pm - 8:00pm
HHS Room TBA
Bob Cumming
$85
There are four elements that create a great photograph: a good subject, creative composition, exceptional lighting, and the correct exposure. Course concentrates on these elements in lecture, demonstration, and hands-on experience.

PAINTING WITH STEVE

13 Nov - 15 Nov
Tuesday Wednesday Thursday
6:00pm - 9:00pm
BC Room 105
Steve Wilson
$65 Material Fee $6
Come and have fun whether you're a beginner or professional and paint along with Steve as he demonstrates step by step on achieving a landscape painting.

WATERCOLOR FOR BEGINNERS AND INTERMEDIATE

Mondays, 24 Sep - 15 Oct
6:00pm - 8:00pm
TO REGISTER CALL 406.375-0100 OR VISIT WWW.UMT.EDU/BC

BC Rm 105)
Jennifer Wright
$45 Material Fee $25
This class will be a step by step guided class with a demonstration of each process. The class will cover a variety of techniques and watercolor media. Paintings will include a landscape and a songbird painting.

**BANJO: BEGINNING / INTERMEDIATE**

Beginners Class
Tuesdays, 2 Oct - 23 Oct
6:00pm - 7:00pm

Intermediate Class
Tuesdays, 2 Oct - 23 Oct
7:00pm - 8:00pm

HHS Room TBA
Mark Dickerson
$35 per class
Get started on the banjo! Learn basic chords, picking patterns, and strumming movements. Then follow up with the optional next class improve your picking and strumming, advance your technique.

**GUITAR: BEGINNING / INTERMEDIATE**

Beginners Class
Wednesdays, 3 Oct - 24 Oct
6:00pm - 7:00pm

Intermediate Class
Wednesdays, 3 Oct - 24 Oct
7:00pm - 8:00pm

HHS Room TBA
Mark Dickerson
$35 per class
Get started on the guitar! Learn essential chords, correct finger placement & strumming technique, and the basics of rhythm. Then expand on your technique by learning more chords, improving your strumming.

**INTERMEDIATE QUILTING**

Tuesdays, 2 Oct - 6 Nov
6:00pm - 9:00pm
HHS Room 130
Laurie Dunbar
$110 / $36 Material Fee $25
Class designed for those with some quilting experience. Project is a paper pieced tablerunner.

**SCANDINAVIAN KNIFE-MAKING CLASS**

Mondays, 12 Nov - 10 Dec
5:30pm - 7:30pm
HHS Wood Shop
Dan Kimzey
$60 / $20 Material Fee $25
Make an heirloom-quality Scandinavian knife. Instruction in knife-building and handle-stacking jig making; knife blank, handle materials, and all other supplies & tools provided.

**BASIC DRAFTING: INTRODUCTION TO TECHNICAL DRAWING**

15 Oct - 7 Nov
Tuesdays & Thursdays
4:00pm - 5:30pm
BC Room 105
Bill Van Antwerp
$85  Material Fee   $10
Course introduces the basic concepts of creating and understanding technical drawings. Covers sketching & lettering techniques, use of drafting instruments, basic dimensioning, and orthographic projection. Focus is on manual drafting.

WELDING BASICS
9 Oct - 18 Oct
Tuesdays & Thursdays
5:30pm - 9:30pm
HHS Weld Shop
Scott Ellis
$110 / $50  Material Fee   $25
Covers: SMAW a.k.a. Stick - proper rod & polarity selection for material, application, & out-of-position welds; GMAW a.k.a. MIG - proper wire & gas selection; FCAW a.k.a Flux - proper wire selection; compare and contrast of different weld processes.

WOODWORKING
Tuesdays, 30 Oct - 18 Dec
5:30PM - 8:30PM
HHS Wood Shop
Russ Fisk
$145 / $48
Beginners to advanced. Learn woodworking safety, make or finish a project or a long overdue repair. Individual instruction available for beginners.

BUDGETING WITH QUICKBOOKS
Monday, 22 October
6:00pm- 8:00pm
BC Room 103 (Comp Lab)
Stephanie Mapelli
$25  RCEDA partner course
An annual budget helps business owners plan for the future. Running a business isn't easy, but your budget provides you with a financial plan that helps put you in control.

QUICKBOOKS BASICS - DESKTOP VERSION
Option 1 24 Sep - 10 Oct
Option 2 5 Nov - 28 Nov
Mondays & Wednesdays
6:00pm - 8:00pm
BC Room 103 (Comp Lab)
Stephanie Mapelli
$125  RCEDA partner course
introduces QuickBooks and essential accounting terminology, and covers the sales process, tracking revenue, managing expenses, bank reconciliation, and setting up and maintaining a company file. Instruction in QB 2018; basic computer knowledge required.

QUICKBOOKS INVENTORY
Wednesday, 24 Oct
6:00pm - 8:00pm
BC Room 103 (Comp Lab)
Stephanie Mapelli
$25  RCEDA partner course
If your business purchases items that are ready for resale, keeps them in inventory, & then sells them, QB can track the current number in stock & the value
of your inventory after every purchase & sale. Instruction in QB 2018; QB familiarity required.

**QUICKBOOKS PAYROLL**

15 Oct - 17 Oct  
Monday & Wednesday  
6:00pm - 8:00pm  
BC Room 103 (Comp Lab)  
Stephanie Mapelli  
$50  RCEDA partner course

Learn to set up a payroll system in QB, create paychecks, pay tax liabilities, & generate payroll forms & reports. Find out how to track employee time, create job cost data, & troubleshoot common problems. Instruction in QB 2018; QB familiarity required.

**QUICKBOOKS REPORTS & GRAPHS**

Monday, 29 Oct  
6:00pm - 8:00pm  
BC Room 103 (Comp Lab)  
Stephanie Mapelli  
$25  RCEDA partner course

Learn to analyze your financial data. Course covers producing and understanding QuickBooks reports and graphs. Instruction in QB 2018; QB familiarity required.

**FINANCIAL MANAGEMENT BASICS**

Tuesday, 2 Oct  
9:00am - 12:00pm  
REC Conference Room  
Instructor  
$25  RCEDA partner course

Learn the basics of creating and using profit and loss, cash flow, and balance sheet statements. Also includes how to create financial projections and financial management best practices for small business.

**HIRING AND FIRING**

Tuesday, 30 Oct  
9:00am - 12:00pm  
REC Conference Room  
Jamie Daniel, Patty Kernahan, & Gary Palmer  
$25  RCEDA partner course

Learn basic rules of human resource management: good hiring practices, interviewing, job descriptions, employment laws in Montana, progressive discipline, wrongful termination, the employee handbook, independent contracting, & Workers Comp regulations.
INTRODUCTION TO SMALL BUSINESS PLANNING

Tuesday, 16 Oct
10:00am - 1:00pm
REC Conference Room
John Schneeberger
FREE RCEDA partner course
Get started on the critical planning that is essential to business success, without fixating on the creation of a formal document. Helpful market size information from free government websites discussed. Lunch provided.

MARKETING

Tuesday, 23 Oct
9:00am - 12:00pm
REC Conference Room
Kristi Govertsen
$25 RCEDA partner course
Learn marketing basics: how to think about your brand, components of marketing & how they relate, traditional and digital advertising, how to set a budget, & get the most out of your advertising dollar.

EASY PERSUASION TRAINING FOR ENTREPRENEURS

Thursday, 4 Oct
10:30am - 12:00pm
REC Conference Room
Micah Larsen
FREE RCEDA partner course
Persuasion scientist Micah Larsen of Apis Communication Science provides, easy persuasion training for entrepreneurs & professionals. Simple persuasion tactics & how they can be used to get people to say "yes" discussed.

INTRO TO GOVERNMENT CONTRACTING - RESPOND TO SOLICITATIONS (3 OF 3)

Thursday, 18 Oct
10:30am - 12:00pm
REC Conference Room
John Schneeberger
FREE RCEDA partner course
Learn the basics of responding to opportunities to sell products & services to government agencies. Focus is on Federal contracting, but is relevant to State & local agencies. Course covers PTAC services.

COMPUTERS

COMPUTER CONFIDENCE

9 Oct - 1 Nov
Tuesdays & Thursdays
10:30am - 12:00am
BC Room 103 (Comp Lab)
Victoria Clark
$65 RCEDA partner course
Learn the skills required for navigating Windows 10. Presented in a friendly & supportive format. Learn basic computer concepts, develop mouse & keyboard skills, & explore & practice using Internet & email within the Windows 10 environment.

INTRODUCTION TO COMPUTERS

Mondays, 1 Oct - 29 Oct
6:00pm- 8:00pm
HHS Room 105
Sharon Mattix
$60 / $20
Learn the basics of the operating system, file management, computer maintenance, and office programs such as Word and Excel. No experience necessary, just a desire to learn.

**EXCEL BASICS FOR BUSINESS**

23 Oct - 20 Nov
Tuesdays & Thursdays
6:00pm - 8:00pm
BC Room 103 (Comp Lab)
Stephanie Mapelli
$140 RCEDA partner course
Learn to navigate within Excel, enter information, & organize & manipulate data. Learn charts, graphs, formulas, fonts, borders, & other basic excel functions. Basic computer knowledge required.

**HOW TO BUILD A WEBSITE ON A SMALL BUDGET**

25 Sep - 11 Oct
Tuesday & Thursday
6:00pm - 8:30pm
BC Room 103 (Comp Lab)
JoAnn Wilson
$105 RCEDA partner course
Learn how to set up a professional-looking website with little to no website experience using low-cost & free resources. Basic computer, file management, internet, & word processing skills required.

**HOW TO ADD E-COMMERCE TO YOUR WEBSITE**

16 Oct - 18 Oct
Tuesday & Thursday
6:00pm - 8:30pm
BC Room 103 (Comp Lab)
JoAnn Wilson
$35 RCEDA partner course
Add a shopping cart to your website - enter the world of e-Commerce! Prerequisites: current website & familiarity with Wordpress, computers, file management, internet browsing, & word processing.

**FUSION 360: INTRODUCTION**

30 Oct - 29 Nov
Tuesdays & Thursdays
4:00pm - 5:30pm
BC Room 103 (Comp Lab)
John Springer
$140
Learn the basics of Fusion 360, an application software which connects product development into a single cloud-based tool, integrating 3D CAD, CAM, & CAE into one program. Use Fusion 360 to design, engineer, & fabricate on a 3D printer or CNC machine.

**RHINO 5 FOR WINDOWS: INTRODUCTION**

2 Oct - 25 Oct
Tuesdays & Thursdays
4:00pm - 5:30pm
BC Room 103 (Comp Lab)
Kurt Foster
$140
Learn the basics of Rhino 5—an application software used for...
computer-aided design (CAD), computer-aided manufacturing (CAM), rapid prototyping, 3D printing, & reverse engineering. Industry uses: architecture, industrial design, product design, & more!

HEALTH

ARGENTINE TANGO - AN INTRODUCTION

Thursdays, 27 Sep - 18 Oct
6:00pm - 7:30pm
BC Room 105 (Gym)
Pamela Peterson &
Kalle Virtaneva
$35
Learn the movements to establish the 4 connection points in tango (floor, room, music, and partner). Then progress to fun and dynamic steps that can be used in a traditional Milonga or whenever you are in town and want to kick up your heels!

BEGINNING SQUARE DANCING

Wednesdays, 17 Oct - 12 Dec
7:00PM - 8:30PM
HHS Commons
Ray Dunbar
$75 / $24
Class for new dancers, no experience necessary. Learn basic moves in first session and additional moves in second session. It is desirable to have a partner. Come for fun and excellent mental and physical exercise!

TAHITIAN DANCE AND POI BALLS

25 Oct - 26 Oct
Thursday & Friday
6:30pm - 8:00pm
BC Room 105 (Gym)
Michelle Buker
$25
Learn the basics of Tahitian dancing and make your own poi balls. First class will be a make and take with beginning poi, the second class will be learning basic dance and putting it all together.

ZUMBA

Wednesdays, 3 Oct - 7 Nov
5:30pm - 6:30pm
HHS Commons
Kathy Delong
$35 / $12
Latin inspired, high energy dance fitness class. All ages and fitness levels/abilities are welcome.

PLANT-BASED COOKING FOR DIABETES

Saturdays, 29 Sep - 27 Oct
12:00pm - 2:00pm
BC Room 118
Ginette Gundlach
$70 Material Fee $20
FOUR SOUPS FOR YOU!
Saturday, 17 Nov
12:00pm - 3:00pm
BC Room 118
Ginette Gundlach
$25  Material Fee  $10
CREATE four delicious plant-based soups filled with a variety of ingredients. Come hungry!

ADULT BASKETBALL
Fall  10 Oct - 19 Dec
Winter 9 Jan - 13 Mar
Wednesdays
8:30pm - 10:30pm
HHS Gym
Neil Miller
$40 per season
Co-ed adult basketball. Recreational; open to all skill levels.

ADULT INDOOR SOCCER (FALL & SPRING SECTIONS)
Wednesdays, 10 Oct - 19 Dec
8:30pm - 10:30pm
Sundays, 14 Oct - 16 Dec
6:00pm - 8:00pm
Wednesdays, 9 Jan - 13 Mar
8:30pm - 10:30pm
Sundays, 13 Jan - 17 Mar
6:00pm - 8:00pm
HMS Gym
Chad Farrenburg
$40 per section
Co-ed adult indoor soccer. Recreational/non-competitive; open to all skill levels.

MINDFULNESS
Wednesdays, 4 Oct - 8 Nov
6:30pm - 7:30pm
HHS Room TBA
Becky Bishop
$45
An overview of multiple mindfulness practices in multiple traditions. Review the many ways you can add mindfulness to your daily routine & self care. Review the research & practice histories that show impacts on brain, emotional, and physical health.

ADULT VOLLEYBALL
Fall  10 Oct - 19 Dec
Winter 9 Jan - 13 Mar
Wednesdays
6:30pm - 8:30pm
HHS Gym
$40 per season
Co-ed adult volleyball. Recreational; open to intermediate to advanced skill levels.

YOGA FOR BEGINNERS
Mondays, 24 Sep - 29 Oct
7:30AM - 8:30AM
Aspen Leaf Yoga and Wellness
Val Aerni
$45
Start the day with a gentle yoga practice with a focus on body alignment & breath. Each class will build upon the last, giving you a solid foundation to continue your practice after the class. Wear comfortable clothing. Yoga mat & props provide.
YOGA FLOW
Wednesdays, 3 Oct - 7 Nov
5:30pm - 6:45pm
Location TBA
Pam Watts
$40 / $12.50
A moderate paced yoga class exploring graceful and dynamic movement within the yoga postures. Focus on building stability and creating space for flexibility. Please bring a mat and wear comfortable clothing.

OUTDOORS

FLY CASTING CLINIC
Option 1  24 Sep - 26 Sep
Option 2  1 Oct - 3 Oct
Monday & Wednesday
7:00pm - 8:30pm
BC Room 104
Chuck Stranahan
$25
Improve and refine your fly casting technique. Bring your own tackle and join Chuck in casting practice. Focus on the finer points of fly casting.

FLY FISHING - BEGINNING
8 Oct - 24 Oct
Mondays & Wednesdays
7:00pm - 8:30pm
BC Room 104
Chuck Stranahan
$65
A practical & enjoyable entry into fly fishing. First class reviews comfort, safety, & tackle; remaining classes emphasize ‘hands on’ approach to fly casting, finding fish, choosing the right fly, knot tying, & other aspects needed to fish independently.

FLY FISHING THE BITTERROOT & TRIBUTARIES
Thursdays, 4 Oct - 1 Nov
7:00pm - 8:30pm
BC Room 111
Bruce Hemmings
$95 / $31
Learn fly fishing techniques & tackle needs, nymph & dry fly casting, terrestrial & aquatic insect life, seasonal nymph/dry fly hatches/fly selection, locating trout by season, float & wade fishing, fish species, safety & etiquette. Two field trips.

FLY TYING - BEGINNING
14 Nov - 5 Dec
Mondays & Wednesdays
7:00pm - 8:30pm
BC Room 104
Chuck Stranahan
$80   Material Fee   $15
A hands-on introduction to the art of fly tying. Technique, tools, and materials covered in depth. Students provide basic fly tying kit after first class discussion.

THE TROUT SEMINARS
29 Oct - 7 Nov
Mondays & Wednesdays
7:00pm - 8:30pm
BC Room 104
Chuck Stranahan
$45
Learn this long-time guide and fly tyer’s secrets that will help
you catch more trout! The four topics include: Beyond the Drag-Free Drift; Rigging Up for Nymphs; Streamers Simplified; and Fishing the Two-fly Systems.

GARDEN TO SMALL FARMS SUSTAINABLE AGRICULTURE

Wednesdays, 26 Sep - 24 Oct
5:30pm - 7:30pm
HHS Room TBA
Leon Stangl
$60 / $20
Course discusses soil types in the Valley, composting, extending the growing season, irrigation, crop rotation, garden planning and more.

PRESERVING YOUR BOUNTY WITH DEHYDRATION

Thursday, 27 Sep
6:00pm - 8:00pm
BC Room 111
Michelle Buker
$15
Learn the basics of dehydrating and rehydrating your harvest, how to make trail mix and custom soup mixes for hiking, and most importantly- how to turn mistakes into successes!

SPECIAL TOPICS

ENGLISH LANGUAGE LEARNERS (ELL)

1 Oct - 7 Nov
Monday & Wednesday
4:00pm - 5:30pm
BC Room 117
Catalina Gerner
$25
Literacy Bitterroot course
Course is for non-native English speakers interested in improving English speaking, reading, & writing skills.

MIT ULAB: LEADING FROM THE EMERGING FUTURE

19 Sep - 7 Nov
Wednesdays
6:30pm - 8:30pm
BC Room 115
Kris Beyer & Laura Garber
$55 Optional Text $99
Cultivating Connections
Connect with a world-wide community using principles & practices to create the changes you want in your world, life, & work. Learn the creative process, develop deeper listening skills & more effective leadership, & discover your emerging future.

PERSONAL EMPLOY. PLAN

26 Sep, 14 Nov, 5 Dec
Wednesday
4:00pm - 6:00pm
BC Room 117
8 Oct, 19 Nov, 10 Dec
Monday
6:00pm - 8:00pm
BC Room 104
Star Jameson
$0  **Literacy Bitterroot** course
The Personal Employment Plan (PEP) Workshop assists with career exploration, ed planning, & job search preparation; learn to use the Montana Career Information System (MCIS) online career exploration tool.

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### SUBSTITUTE TEACHER TRAINING

25 Sep - 27 Sep
Tuesdays & Thursdays
8:30am - 3:30pm
BC Room 111
$40
Introduces best practices in substitute teaching, focusing on instructional & classroom management processes, maintaining established rules, & understanding & following procedures & policies.

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### MT IN BOOKS & CINEMA

27 Nov - 13 Dec
Tuesdays & Thursdays
11:00am - 12:30pm
BC Room 118
Jeff Lowe
$55
Who hasn’t see *A River Runs Through It* or *Legends of the Fall*? The mystique, beauty, & eccentricities of Montana have been celebrated in movies & books for decades. Delve into Maclean, Doig, & many others.

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### OUTLAWS & HIDDEN GOLD

23 Oct - 13 Nov
Tuesdays & Thursdays
11:00am - 12:30pm
BC Room 118
Jeff Lowe
$55
Dutch Henry, Chalk Courchane, and Henry Plummer will headline the rogues gallery of robbers, rustlers, and crooked lawmen who added their own special brand on Montana history.

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### THE COPPER KINGS

25 Sep - 11 Oct
Tuesdays & Thursdays
11:00am - 12:30pm
BC Room 118
Jeff Lowe
$55
Why did Clark & Daly disagree? How did the “Richest Hill on Earth” give rise to a rich immigrant history? How did the fight between Tesla & Edison give rise to an unprecedented fortune being mined from Montana soil? Explore these topics & more!

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### SPANISH - BEGINNING

Mondays, 1 Oct - 29 Oct
6:30pm - 8:00pm
HHS Room TBA
Catalina Gerner
$70
Course covers Spanish basics including present tense & the skills to speak, read, & write in introductory conversational and travel settings.
SPANISH - CONVERSATIONAL

Wednesdays, 3 Oct - 31 Oct
6:30pm - 8:00pm
HHS Room TBA
Catalina Gerner
$70

Brush up on your conversational Spanish for travel or personal enrichment with native speaker. Prerequisite: prior Spanish language instruction.

HOW TO SPEAK DOG AND RAISE THE PERFECT COMPANION

Thursdays, 3 Oct - 7 Nov
6:00pm - 7:00pm
BC Room 104
Nicki Arndt
$45

Learn modern and humane dog training techniques, including how to read dog body language & a step-by-step guide to understanding canine behavior & puppy developmental stages.

EXPLORATIONS IN ASTRONOMY

Wednesdays, 17 Oct - 7 Nov
4:00pm - 5:00pm
BC Room 111
Tom Engelmann
$30

Structured as a series of "explorations," this course covers topics from the history & fundamentals of astronomy to current research & ideas in astrophysics and cosmology. Planetary astronomy, stellar evolution, pulsars, quasars, & black holes discussed.

OBSERVATIONAL ASTRONOMY

Saturday, 6 Oct, 20 Oct, 3 Nov
Sunday, 7 Oct, 21 Oct, 4 Nov
9:30pm - 11:00pm
BC Room 104
Kurt Foster
$10 per class

Learn about telescopes & observe through a few different models! Look at Jupiter & Saturn, the moon, & some deep sky objects including star clusters & nearby galaxies.

VETERANS

MATH REFRESHER

1 Oct - 5 Nov
Mondays & Wednesdays
10:30am - 12:00pm
BC Room 115
Dave Williams
$0 Veterans Upward Bound

Review basic math skills to fill in learning gaps, remember things you used to know and strengthen your analytical skills.

WRITING REFRESHER

1 Oct - 5 Nov
Mondays & Wednesdays
1:00pm - 2:30pm
BC Room 115

$0 Veterans Upward Bound

Review grammar to eliminate common punctuation errors & prepare for writing more formally. Learn the writing process from pre-writing to a polished essay.
### 3D Printer & Laser Cutter Instrument Making

| Date      | Days       | Time          | Location       | Instructor     | Fee  
|-----------|------------|---------------|----------------|----------------|------ |
| 9 Oct - 11 Oct | Tuesday & Thursday | 6:00pm - 8:00pm | BC Room 116 (FabLab) | John Springer | $45  

Walk in empty handed and leave with a custom built digeridoo, ukulele, or guitar. Whether you are a 3D design expert or totally new to the concept you will be able to make a high quality sounding instrument in a couple of classes.

### Drones: Intro to Amazing Sky Robots!

| Section | Date       | Days       | Time          | Location       | Instructor     | Fee  
|---------|------------|------------|---------------|----------------|----------------|------ |
| Sec 1   | Saturday, 29 Sep | Saturday | 10:00am - 2:00pm | BC Room 116 (FabLab) | John Springer | $45  

A variety of drones flown & tested by students: DJI Inspire 1, DJI Mavic Pro, DJI Phantom 3, A.R. Drones, FPV racing drones, micro FPV racing drones, scratch-built winged drones, & a variety of hobby miniature drones. Laws, cameras, & more!

### Fundamentals of Robotics

| Date      | Days       | Time          | Location       | Instructor     | Fee  
|-----------|------------|---------------|----------------|----------------|------ |
| 23 Oct - 1 Nov | Tuesday & Thursday | 6:00pm - 8:00pm | BC Room 116 (FabLab) | John Springer | $100  

Course covers basic electronics and Arduino programming providing makers an opportunity to build robots that can be controlled in a variety of ways. Use cell phones, computers, gestures, & voice to manipulate your creations.

### Introduction to Virtual Reality

| Date      | Days       | Time          | Location       | Instructor     | Fee  
|-----------|------------|---------------|----------------|----------------|------ |
| 13 Nov - 15 Nov | Tuesday & Thursday | 6:00pm - 8:00pm | BC Room 116 (FabLab) | John Springer | $45  

Work with the latest HTC Vive Pro and Oculus Rift Technology to explore what virtual reality has to offer in the worlds of entertainment, education, and 3D design. Interesting to the newbie & seasoned guru.

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The **Bitterroot FabLab** is a community resource that gives you access to the tools, training, and community you’ll need to be successful in making just about anything!

Visit [umt.edu/bcfablab](http://umt.edu/bcfablab) for membership information.
MOLD MAKING WITH VACUUM FORMING & POURABLE MATERIALS

16 Oct - 18 Oct
Tuesday & Thursday
6:00pm - 8:00pm
BC Room 116 (FabLab)
John Springer
$45
Learn the techniques used to make famous movie props & everyday items. An introduction to using the FabLab’s vacuum former (Formech DT450) and Smooth-On brand materials to create anything from props to food-grade molds. Everyone completes a project!

3D PRINTING - PRACTICAL PROJECTS

Option 1   Saturday, 10 Nov
10:00am - 2:00pm
Option 2   25 Sep - 27 Sep
Tuesday & Thursday
6:00pm - 8:00pm
Option 3   Saturday, 13 Oct
10:00am - 2:00pm
BC Room 116 (FabLab)
John Springer
$45
Print your own object! Whether you are new to the topic or have worked a bit with your own printers, this class will be a great place to build your knowledge of what's out there in the world of 3D printing.

PYTHON USING RASPBERRY PI

Saturdays, 20 Oct - 27 Oct
1:00pm - 3:00pm
BC Room 103 (Comp Lab)
Tom Engelmann
$45
Learn the basics of computer architecture & programming with Python as the backdrop. In-class & lab exercises allow coding practice. Construct a simple electronic circuit controlled by a Raspberry Pi microcomputer programmed by your Python code.

PRACTICAL LASER CUTTING & ENGRAVING

2 Oct - 4 Oct
Tuesday & Thursday
6:00pm - 8:00pm
BC Room 116 (FabLab)
John Springer
$45
Learn to use the FabLab’s laser cutter/engraver to precisely cut and engrave various woods and plastics. Explore ceramic, glass, and metal etching. Students will go home with at least one laser etched/cut design of their own.
WORKFORCE TRAINING

Application, program, and schedule details for all programs can be found online at http://www.umt.edu/bitterroot-college/

BOOKKEEPING CERTIFICATION PROGRAM

September 18 - December 18 $1,750
Program prepares students to take the National Bookkeepers Association (NBA) Uniform Bookkeeper Certification Exam to obtain the NBA Bookkeeper Certification. Program covers: accounting: the language of business; analyzing business transactions; analyzing business transactions using T accounts; the general journal and the general ledger; adjustments and the worksheet; closing entries and the postclosing trial balance; accounting for sales and accounts receivable, and cash receipts; accounting for purchases, accounts payable, and cash payments; cash; payroll computations, records, & payment; payroll taxes, deposits, & reports; accruals, deferrals, & the worksheet; & financial statements & closing procedures.

QUICKBOOKS CERTIFICATION

September 24 - November 28 $1,500
Program prepares students to take the National Bookkeepers Association Uniform QuickBooks Certification Examination to obtain the National Bookkeepers Association QuickBooks Certification. The QuickBooks Desktop Certification validates your QuickBooks knowledge and demonstrates your QuickBooks skill to clients and employers.

COMPTIA A+ CERTIFICATION

September 25 - December 13 $3,500
Program prepares students to support computer users, troubleshoot and problem-solve computer issues, and connect users to the data they need to do their jobs regardless of the devices being used. Upon completion of the program, students are prepared to sit for CompTIA’s A+ Certification Exams 220-901 and 220-902.

COMMERCIAL DRIVER’S LICENSE (CDL) PROGRAM

October 1 - October 12 $4,750
Program teaches students basic truck driving skills, introducing students to the field of heavy-duty trucking. Safety is emphasized as well as equipment knowledge and State and Federal DOT rules and regulations. Field training and testing is conducted on a one-to-one basis. Program prepares students for a Montana Type 1 Certification Class A License (inter-state).
SERVSAFE MANAGER - RAVALLI COUNTY EXTENSION

December 4 & 5
$150 (includes exam)

Ravalli County Extension course
Geared for foodservice managers to understand the latest FDA Food Code, food safety practices & help your establishment create a culture of food safety. Learn foodborne pathogens, flow of food safety from purchasing to service, creating management systems & more.

Call Ravalli County Extension at 406.375-6611 to register.

CERTIFIED NURSE AIDE (CNA) PROGRAM

September 29 - November 3
$1,490

Students learn the information & skills needed to work as nurse aides in a variety of health care venues including long-term, home-care, hospice care, & acute care settings. Program prepares students for the MT Certified Nurse Aide licensing exam.

CERTIFIED PHLEBOTOMY TECHNICIAN (CPT)

Starts week of January 14
$2,300

Prepares professionals to collect blood specimens for the purpose of laboratory analysis. Students become familiar with all aspects of blood collection & develop comprehensive skills to perform venipunctures completely & safely. Program prepares students for the Certified Phlebotomy Technician (CPT) Exam.

CLINICAL MEDICAL ASSISTANT (CMA)

October 2 - January 24
$2,800

Program trains students to assist physicians by performing functions related to the clinical responsibilities of a medical office. Instruction includes preparing patients for examination & treatment, routine laboratory procedures, diagnostic testing, technical aspects of phlebotomy, & the 12 lead EKG and the cardiac life cycle. Students review topics including phlebotomy, pharmacology, the proper use & administration of medications, taking & documenting vital signs, cardiology including proper EKG lead placements, a professional workplace behavior, ethics and the legal aspects of healthcare. Students who complete this course sit for the National Health Career Association (NHA) Certified Clinical Medical Assistant (CCMA) exam.

DENTAL ASSISTING

October 1 - December 12
$1,650

Course familiarizes students with all areas of pre-clinical dental assisting & provides training in the professional skills required to function as an assistant in the dental practice. Program prepares students for the Radiation Health Safety (RHS) and Infection Control (ICE) exams associated with the Certified Dental Assistant (CDA) credential.
WORKFORCE PROGRAM FEE ASSISTANCE

Program Fee Assistance takes time to process; connect with assistance providers ASAP.

PATHWAYS PROGRAMS
Lisa Kearns
406.363-6101 ext. 237
Holly Montgomery
406.363-6101 ext. 239
Human Resource Council
303 North 3rd St.
Hamilton, MT 59840

RAVALLI COUNTY FEDERAL CREDIT UNION (CDL Only)
Call 406.363-4631 and ask for a Loan Officer to learn loan details and submit a loan application

RURAL EMPLOYMENT OPPORTUNITIES (REO)
Will Bodle
william@reomontana.org
406.274-4172

VETERANS ADMINISTRATION EDUCATIONAL BENEFITS
Valley Veterans Service Center
217 N 3rd St. Suite L
Hamilton, MT 59840
Veterans & Family Members
check your benefits eligibility! call 406.363-9838 for appointment

VOCATIONAL REHAB SERVICES TRAINING FUNDS – DISABILITY EMPLOYMENT ASSISTANCE PROGRAM
Sarah Seltzer
sseltzer@mt.gov
406.375-0100
Bitterroot College
103 S 9th St.
Hamilton, MT 59840

WORKFORCE INNOVATION & OPPORTUNITY ACT (WIOA)
DeLynn Gardner
dgardner@mt.gov
406.565-2243
Chelle Twist
mtwist@mt.gov
406.560-1689
Human Resource Council
303 North 3rd Street
Hamilton, MT 59840

WIOA YOUTH EMPLOYMENT PROGRAM (Serves ages 14 - 24)
Shane Kravik
sek@hrcxi.org
406.363-6101 ext. 236
Human Resource Council
303 North 3rd Street
Hamilton, MT 59840
As a campus of the University of Montana, the Bitterroot College UM is accredited by the Northwest Commission on Colleges and Universities (NWCCU). All Bitterroot College UM college courses are fully transferrable within the Montana University System.

At Bitterroot College you can complete your two-year Associates of Arts degree, preparing you to transfer to a four-year institution. You may also accumulate general education and elective credits to transfer to another college or university.

SPRING SEMESTER STARTS THURSDAY, JANUARY 10

DON'T DELAY. APPLY NOW!

Visit umt.edu/bc, call 406.375-0100, or just stop by the campus for more information on admissions and registration.

At Bitterroot College, we are committed to:

Students by providing a welcoming atmosphere and a supportive learning environment

Community by offering educational opportunities and resources responsive to local needs

Academic excellence by requiring integrity, reliability, and quality in all instruction
MORE GREAT LEARNING OPPORTUNITIES IN THE VALLEY

Looking for more great learning opportunities in the Bitterroot? Check out these programs and organizations that offer a variety of classes throughout the year.

**LITERACY BITTERROOT**

literacybitterroot.org

406.363-2900
303 North 3rd St., Suite A
Hamilton, MT 59840

Literacy Bitterroot offers **FREE** services including Adult Basic & Literacy Education (ABLE), HiSET (formerly the GED) preparation, EdReady Math, English Language Learner (ELL) classes, Family Literacy, & PEP (Personal Employment Plan) Talk Workshops.

**Evening HISET at BC**
Monday & Wednesdays
6:00pm - 8:00pm

**EdReady Math at BC**
Mondays 9-11am
Tuesdays & Thursdays
10-11am & 2-3pm

**ADULT EDUCATION**

**Corvallis Adult Education**
406.961-3201 ext. 114

**Darby Adult Education**
406.821-3841

**Florence Adult Education**
406.777-0249

**Lone Rock Adult Education**
406.777-3314

**Stevensville Adult Education**
406.777-5481

**Victor Adult Education**
406.642-3221

**REACH HIGHER MONTANA SCHOLARSHIP WORKSHOP**

6-7:30pm, Thur, Oct 11
Bitterroot College

Learn about reputable scholarship search engines, how to avoid scams, & how to write strong scholarship essays. Home school families welcome. Registrar online at www.umt.edu/bc or call 406.375-0100

**MARCUS DALY MEMORIAL HOSPITAL**

**FREE** health education classes & events available at your local hospital. Full schedule online!

**PUBLIC LIBRARIES**

Enjoy kids & adult programs at local public libraries. Find schedule of events online.

**Bitterroot Public Library**
bitterrootpubliclibrary.org
406.363-1670
306 State St., Hamilton

**North Valley Public Library**
northvalleylibrary.org
406.777-5061
208 Main St., Stevensville

**Darby Comm. Public Library**
darbylibrary.net
406.821-4771
101 1/2 S Marshall St., Darby
Your Community Health Center

Healthy Mind & Body for the Whole Family
Medical & Mental Health Care for All Ages

541-0032
Urgent Care or Call for an Appointment

316 North 3rd Street, Hamilton, MT
www.sapphirechc.org

You’ll love the care we give.

We accept most private insurance, Medicaid, Medicare, VA, Healthy MT kids. Sliding fee scale is available.
CALL LITERACY BITTERROOT AND GET YOUR EDUCATION BACK ON TRACK!

406-363-2900

Complete your high school equivalency diploma (HiSET)

- Increase your wages* or prepare for work
- Brush up your math skills to attend college or training
- Scholarships available for HiSET test fee
- Home-school students welcome

Literacy Bitterroot provides adult and literacy education for individuals 16 and older who are not enrolled in public school.

literacybitterroot.org / 303 North 3rd St, Hamilton

*individuals who have a high school diploma or its equivalent make an average of $10,000 more each year than those without a diploma.