

PBS Teacherline Classes: JMU Graduate Credit Available**Last updated 04.01.2011**

Course number	Title	Level	Hours	Credits
INST120	Creating Units to Support Differing Learning Styles	K-12	30	2
INST125	Building Critical Thinking Skills for Online Research	K-12	30	2
INST180	Differentiated Instruction	K-12	30	2
INST300	Curriculum Mapping I by Heidi Hayes Jacobs	K-12	30	2
INST305	Curriculum Mapping II by Heidi Hayes Jacobs	K-12	30	2
INST315	Teaching for Multiple Intelligences	K-12	30	2
INST320	Connecting Family, Community and Schools	K-12	30	2
INST325	Using Assessment and Evaluation	K-12	30	2
MATH120	Fostering Cooperative Learning, Discussion, and Critical Thinking in Elementary Math	1-5	30	2
MATH 156	The Concept of Function	9-12	15	1
MATH165	Enabling Students with Special Needs to Succeed in Math Class	4-8	30	2
MATH181	Math in Everyday Life for Grades K-5	K-5	15	1

MATH186	Math in Everyday Life for Grades 6-8	6-8	15	1
MATH221	Count on It: Number Sense	K-5	15	1
MATH250	Understanding Numbers and Operations: Addition and Subtraction	PreK-3	30	2
MATH270	Developing Algebraic Thinking	3-5	30	2
MATH 410	Seeing Math: Linear Functions	6-12	30	2
MATH 415	Seeing Math: Transformations of Linear Functions	6-12	30	2
MATH 420	Seeing Math: Linear Equations	6-12	30	2
MATH 425	Seeing Math: Systems of Linear Equations	6-12	30	2
MATH430	Seeing Math: Proportional Reasoning	6-12	30	2
MATH 440	Seeing Math: Transformations of Quadratic Functions	6-12	30	2
MATH 445	Seeing Math: Quadratic Equations	6-12	30	2
MATH 455	Seeing Math: Data Analysis	6-12	30	2
RDLA125	Children's Authors on the Web: Online Sites that Motivate Students to Write	K-6	30	2
RDLA130	Teaching Reading in Science	3-12	30	2

RDLA157	Teaching Phonemic Awareness and Phonics	PreK-3	45	3
RDLA167	Teaching Phonics and Spelling for Beginning and Transitional Readers	1-3	45	3
RDLA 192	Teaching Narrative and Expository Text Comprehension	4-6	45	3
RDLA195	Teaching Reading Fluency	2-5	30	2
RDLA210	Effective Writing Instruction	1-3	30	2
RDLA340	Teaching Reading in the Content Areas	3-12	30	2
SCIE120	Scientific Inquiry and Field Work: Discovering with Technology	6-8	30	2
SCIE130	Fostering Collaboration, Inquiry, and Critical Thinking in Middle School Science	5-8	30	2
SCIE510	Teaching Middle School Life Science - Special Collection: Teachers' Domain, produced by WGBH Boston	5-8	45	3
SCIE520	Teaching High School Biology - Special Collection: Teachers' Domain, produced by WGBH Boston	9-12	45	3
SCIE530	Teaching Elementary Physical Science - Special Collection: Teachers' Domain, produced by WGBH Boston	K-4	45	3
SCIE540	Teaching Middle School Physical Science - Special Collection: Teachers' Domain, produced by WGBH Boston	5-8	45	3
TECH145	Teaching with WebQuests	K-12	30	2
TECH160	Putting Technology to Use in the Classroom	K-12	30	2

TECH195	Graphic Organizers for 21st Century Learning	K-12	30	2
TECH300	The Computer for Personal Productivity	K-12	30	2
TECH325	Searching and Researching on the Internet	K-12	30	2
TECH330	Communicate and Collaborate Online	K-12	30	2
TECH340	Evaluating and Organizing Internet Resources and Content	K-12	30	2
TECH345	Developing Understanding with Dynamic Media and Digital Storytelling	K-12	30	2
TECH401	Capstone Introduction: Planning a Technology Portfolio	K-12	30	2
TECH410	Capstone I: Developing a NETS•T Technology Portfolio	K-12	45	3
TECH415	Capstone II: Proficient Use of Technology with NETS•T	K-12	45	3
TECH522	Online Facilitator Training I: Mastering the Skills of Online Teaching	K-12	45	3