



**MISSISSIPPI STATE UNIVERSITY™**  
 DEPARTMENT OF INSTRUCTIONAL SYSTEMS  
 AND WORKFORCE DEVELOPMENT

**MASTER OF SCIENCE IN TECHNOLOGY**  
**COURSE OFFERING SCHEDULE**

<b>Required Courses (15 Hours)</b>		<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
TKT 8863	Grant Writing Essentials	Online		
TKT 8213	Content and Methods of Teaching Career and Technology Education	Online		
TKT 8263	Philosophy & Administration of Career & Technology Education		Online	Online
TKT 8273	Contemporary Issues in Curriculum Planning ISWD		Online	
EDF 8363	Functions and Methods of Research in Education	Face to Face and Online	Face to Face and Online	Face to Face and Online
<b>Concentration (9 Hours) Choose one concentration</b>				
<b>Endorsements (Select 9 hours)</b>				
TKT 6463	Methods of Teaching Business Technology			Online
TKT 6473	Methods of Teaching Online (required for all endorsements)			Online
TKT 6483	Methods of Teaching STEM			Online
TKT 6493	Methods of Teaching Career Pathway Experience	Online		
<b>Technology Facilitator/Administrator (Select 9 hours)</b>				
TKT 8533	Evaluation and Assessment in Instructional Systems and Technology		Online	
TKT 8753	Technology Issues for School Administrators			Online
TKT 8763	Strategic Technology Planning for Teachers and Administrators	Online		
TKT 8833	Design and Implementation of Data Networks	Online		
TKT 8873	Communication Tools in Technology for Teachers and Administrators			Online
<b>Improving Instruction Using Technology (Select 9 hours)</b>				
TKT 6733	Managing the Multimedia Environment		Online	Online
TKT 6763	Digital Tools for 21 <sup>st</sup> Century Teaching and Learning		Online	Online
TKT 6803	Integrating Technology for Meaningful Learning	Online	Online	Online
TKT 8833	Design and Implementation of Data Networks	Online		
TKT 8873	Communication Tools in Technology for Teachers and Administrators			Online