



Quick Reference: Courses That Can be Taught

Michigan Compiled Laws (MCL) 380.1531 and the *Administrative Rules Governing the Certification of Michigan Teachers* require ALL teachers hold the appropriate endorsement for the subject(s) they are assigned to teach. This is not an exhaustive list, but rather the common or typical course titles offered in Michigan middle and high schools (6-12 departmentalized). A companion document for [Appropriate Instructional Assignments for Elementary Certified Teachers](#) is also available. This alignment guidance is subject to change with new state endorsements, new course titles named by K-12 schools and districts, and Michigan curriculum expectations. For a comprehensive list of nationally recognized course titles with a crosswalk to Michigan endorsement areas, please see the [Center for Educational Performance and Information's Registry of Educational Personnel Crosswalk](#).

Districts must consider the following elements when using this document to make the best decisions for the assignment of teachers:

- course title
- curriculum or content of the course
- certification/endorsement and corresponding preparation program of the teacher
- Michigan Merit Curriculum standards that will be addressed
- requirements related to funding source (e.g., special education, Title I, career and technical education)
- code used for reporting (REP, TSDL, etc.)

These [guidelines](#) apply to elective as well as non-elective courses. Questions regarding endorsements and course titles appearing in this document should be directed to the Office of Educator Excellence at 517-373-3310.



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes	
Communication Arts	AX	Speech Debate News/broadcasting Communications Public speaking Forensics	Oral interpretation Media* Journalism* Yearbook* School newspaper*	<p>The AX endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year. The AX endorsement will not be removed from teaching certificates and teachers with the AX endorsement can still be assigned to teach these courses.</p> <p>*When the Journalism endorsement is discontinued beginning with 2017 summer programs and the 2017-2018 school year, a specific endorsement will not be required to teach journalism. The Journalism (BC) endorsement will not be removed from teaching certificates.</p> <p>School districts will be free to assign any teacher to these courses who provides evidence of professional development and holds a certificate for the grade level at which these courses are offered.</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Language Arts	BX	<p>Language Arts</p> <p>English Speech Journalism*</p>	<p>Literature Reading Writing Yearbook* School newspaper*</p> <p>A BX on an elementary certificate is authorized for these courses, at grades 6-8. Additional guidance: Appropriate Instructional Assignments for Elementary Certified Teachers</p> <p>A BX on a secondary certificate is authorized for these courses, at grades 6-12.</p> <p>*When the Journalism endorsement is discontinued beginning with 2017 summer programs and the 2017-2018 school year, a specific endorsement will not be required to teach journalism. School districts will be free to assign any teacher to a journalism course who provides evidence of professional development and holds a certificate for the grade level at which the course is offered. The Journalism (BC) endorsement will not be removed from teaching certificates.</p> <p>Additional guidance: Reading Course Assignments</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
English	BA	English Language Arts* Grammar Writing Poetry Literature Great Books Shakespeare Drama (Study of literature) Business Writing (offered for English credit) School Newspaper** Yearbook**	<p>*The English (BA) teacher may teach a course called "Language Arts" at the 6-8 grade level only; they are not prepared to teach reading in isolation.</p> <p>**When the Journalism endorsement is discontinued beginning with 2017 summer programs and the 2017-2018 school year, a specific endorsement will not be required to teach journalism. School districts will be free to assign any teacher to a journalism course who provides evidence of professional development and holds a certificate for the grade level at which the course is offered. The Journalism (BC) endorsement will not be removed from teaching certificates.</p>



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Reading Specialist	BR	Reading Title I Reading Developmental/Remedial Reading Language Arts*	*The Reading Specialist (BR) teacher may teach a course called "Language Arts" at the K-12 level; they are not prepared to teach English in isolation. BR teachers hold a degree in reading. Additional guidance: Reading Course Assignments
Reading	BT	Reading Title I Reading Developmental/Remedial Reading	Additional guidance: Reading Course Assignments
Social Studies	RX	Social Studies Current Events Global Studies	Economics+ Geography+ History+ Political Science+
Social Science	CX	Social Science Social Studies Current Events Global Studies Psychology Sociology Anthropology Cultural Studies+ Behavioral Studies	Economics+ Geography+ History+ Political Science+
			+Including all courses listed under each individual endorsement. Additional guidance: Social Studies Courses
			The CX endorsement was phased out in the mid-1990s. The CX endorsement was not removed from teaching certificates and is still valid for these assignments. +Including all courses listed under each individual endorsement. Additional guidance: Social Studies Courses



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes		
Economics	CA	Economics Financial Literacy Personal Finance	Additional guidance: Social Studies Courses		
Geography	CB	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Geography Global Geography Michigan Geography U.S. Geography Global Issues The Global Village </td> <td style="width: 50%; border: none;"> Western Hemisphere Eastern Hemisphere World Regions World History and Geography* U.S. History and Geography* </td> </tr> </table>	Geography Global Geography Michigan Geography U.S. Geography Global Issues The Global Village	Western Hemisphere Eastern Hemisphere World Regions World History and Geography* U.S. History and Geography*	<p>*Teachers completing programs prior to June 2009 must have professional development related to the teaching of history to teach integrated history and geography courses.</p> <p>Additional guidance: Social Studies Courses</p>
Geography Global Geography Michigan Geography U.S. Geography Global Issues The Global Village	Western Hemisphere Eastern Hemisphere World Regions World History and Geography* U.S. History and Geography*				
History	CC	History Michigan History European History U.S. History and Geography* World History and Geography*	<p>*Teachers completing programs prior to June 2009 must have professional development related to the teaching of geography to teach integrated history and geography courses.</p> <p>Additional guidance: Social Studies Courses</p>		
Political Science	CD	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Political Science American Government American Problems </td> <td style="width: 50%; border: none;"> Government Civics Contemporary World Issues </td> </tr> </table>	Political Science American Government American Problems	Government Civics Contemporary World Issues	Additional guidance: Social Studies Courses
Political Science American Government American Problems	Government Civics Contemporary World Issues				
Psychology	CE	Psychology			



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Sociology	CF	Sociology	<p>The CF endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year and will no longer be required to teach Sociology.</p> <p>The CF endorsement will not be removed from teaching certificates.</p> <p>School districts will be free to assign any teacher to this course who provides evidence of professional development and holds a certificate for the grade level the course is offered.</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Anthropology	CH	Anthropology	<p>The CH is no longer required to teach Anthropology.</p> <p>The CH endorsement will not be removed from teaching certificates.</p> <p>School districts are free to assign any teacher to this course who provides evidence of professional development and holds a certificate for the grade level the course is offered.</p>
Cultural Studies	CL	Cultural Studies Cultural Anthropology Modern Popular Culture	<p>The CL is no longer required to teach these courses.</p> <p>The CL endorsement will not be removed from teaching certificates.</p> <p>School districts are free to assign any teacher to this course who provides evidence of professional development and holds a certificate for the grade level the course is offered.</p>



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Behavioral Studies	CM	Behavioral Studies	<p>The CM is no longer required to teach Behavioral Studies.</p> <p>The CM endorsement will not be removed from teaching certificates</p> <p>School districts are free to assign any teacher to this course who provides evidence of professional development and holds a certificate for the grade level the course is offered.</p>	
Science	DX	General Science Science Biology+ Chemistry+	Physics+ Earth/Space Science+ Physical Science+	<p>+Including all courses listed under each individual endorsement.</p> <p>The DX endorsement was transitioned into the Integrated Science (DI) endorsement after the 2003-2004 school year. Both endorsements can be assigned interchangeably.</p> <p><u>Additional guidance: Science Courses</u></p>
Integrated Science	DI	Integrated Science General Science Science	Biology+ Chemistry+ Physics+ Earth/Space Science+ Physical Science+	<p>+Including all courses listed under each individual endorsement.</p> <p><u>Additional guidance: Science Courses</u></p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Biology	DA	Biology Ecology Botany Zoology Human Anatomy and Physiology Environmental Science Life Science Biochemistry Genetics Microbiology Forensic Science	<u>Additional guidance: Science Courses</u>
Chemistry	DC	Chemistry Organic chemistry Biochemistry Forensic Science	Teachers holding the Chemistry (DC) endorsement alone and having taught in physical science classrooms prior to conclusion of the 2011-2012 academic year may continue to be assigned to physical science classrooms during the 2012-2013 academic year and thereafter. (Vaughn 6-14-2012 Memo) <u>Additional guidance: Science Courses</u>
Physics	DE	Physics Astronomy	Teachers holding the Physics (DE) endorsement alone and having taught in physical science classrooms prior to conclusion of the 2011-2012 academic year may continue to be assigned to physical science classrooms during the 2012-2013 academic year and thereafter. (Vaughn 6-14-2012 Memo) <u>Additional guidance: Science Courses</u>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Earth/Space Science	DH	Earth/Space Science Astronomy Geology Limnology Meteorology Mineralogy Oceanography Weather Environmental Science	<u>Additional guidance: Science Courses</u>
Physical Science	DP	Physical Science Physics Chemistry	<u>Additional guidance: Science Courses</u>
Mathematics	EX	Mathematics Arithmetic Number Theory Pre-algebra Algebra Geometry Calculus Statistics College Algebra Trigonometry Solid Geometry Personal Finance	



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
World Language	FA-FS	World Language, grammar and culture courses in language of endorsement	<p>American Sign Language (ASL) is considered a World Language.</p> <p>Per the May 14, 2015 memo, a teacher currently certified and endorsed with Hearing Impairment (SL), AND able to demonstrate an ASL proficiency level of at least Intermediate Plus on the SLPI or 3 on the ASLPI, can teach ASL at the grade levels indicated on their certification (K-12). All other teachers of ASL may only be assigned under the appropriate permit.</p> <p>The Russian (FE) endorsement and the Polish (FI) endorsement are both being discontinued beginning with 2017 summer programs and the 2017-2018 school year. FE will not be required to teach Russian and FI will not be required to teach Polish. These endorsements will not be removed from teaching certificates. School districts will be free to assign any teacher to these courses who provides evidence of language proficiency and/or professional development and holds a certificate for the grade level at which these courses are offered.</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Business Education	GX	Accounting Business Administration Business Communications Business Education Business Law Business Math Business Technology Marketing Education Personal Finance	Secretarial Science
Accounting	GA	Accounting Personal Finance Finance	
Business Administration	GH	Business Administration Business Communications Personal Finance	Business Education Business Law
Secretarial Science	GI	Secretarial Science	



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes	
Marketing Education	GM	Marketing Education* Distributive Education*	<p>The GM endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year and will no longer be required to teach these courses. The GM endorsement will not be removed from teaching certificates.</p> <p>School districts will be free to assign any teacher to these courses who provides evidence of professional development and holds a certificate for the grade level at which these courses are offered.</p>	
Business, Management, Marketing, and Technology	GQ	Accounting Business Communications Business Education Business Law Business Management Administration Business Math Business Technology Finance Personal Finance	Marketing Education* Distributive Education*	<p>*When the Marketing endorsement is discontinued beginning with 2017 summer programs and the 2017-2018 school year, a specific endorsement will not be required to teach these courses. School districts will be free to assign any teacher to these courses who provides evidence of professional development and holds a certificate for the grade level at which these courses are offered.</p>
Agriscience and Natural Resources	HX	Courses related to plant science, animal science, natural resources, farm business management, and small engine repair.		



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Industrial Technology	IX	Industrial Technology Industrial Arts Drafting/Computer Assisted Design Woods, Metals, and Plastics Technologies Electricity/Electronics Graphic Arts Automotive and Small Engine Technology Manufacturing Construction	Transportation Communication Power and Energy Technology Education The IX and TX endorsements were integrated into the TE endorsement April 12, 2011. The IX endorsement will not be removed from teaching certificates. Refer to the TE endorsement for more information.
Music Education	JX	General Music Marching Band Concert Band Orchestra Choral Music Strings	Music Theory Keyboards Jazz Ensemble Wind Ensemble Choir The JX endorsement was transitioned into the Music Education (JQ) after the 2006-2007 school year. Both endorsements can be assigned interchangeably.
Music Education	JQ	General Music Marching Band Concert Band Orchestra Choral Music Strings	Music Theory Keyboards Jazz Ensemble Wind Ensemble Choir



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Family and Consumer Sciences	KH	Family and Consumer Science Health Parenthood Education Nutrition Science Pre-Employment Skills Family Relationships Essential Health and Living Skills Balancing Work and Family	Pre-Parenthood Life Management Nutrition and Foods Consumer Education Family Living Life Survival Skills Personal Living Personal Finance	
Art Education	LX	Art Visual Arts Visual Studies Drawing Painting Sculpture Ceramics/Pottery Design Art Appreciation Illustration	Computer Graphics and Design Video Photography and Film Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	The LX endorsement was transitioned into the Visual Arts Education (LQ) after the 2002-2003 school year. Both endorsements can be assigned interchangeably.
Visual Arts Education	LQ	Art Visual Arts Visual Studies Drawing Painting Illustration Sculpture Ceramics/Pottery Design Art Appreciation Digital Media	Computer Graphics and Design Video Photography and Film Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Visual Arts Specialist	LZ	Art Visual Arts Visual Studies Drawing Painting Illustration Sculpture Ceramics/Pottery Design Art Appreciation Digital Media Computer Graphics and Design Photography and Film Digital/New Media Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	<p>The LZ endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year.</p> <p>The LZ endorsement will not be removed from teaching certificates and teachers with the LZ can still be assigned to teach these courses.</p> <p>LZ teachers hold a master's degree in Visual Arts Education.</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Health, Physical Education, Recreation and Dance	MX	Health+ Physical Education+ Recreation+* Dance+*	<p>+Including all courses listed under each individual endorsement.</p> <p>*When the Recreation and Dance endorsements are discontinued beginning with 2017 summer programs and the 2017-2018 school year, a specific endorsement will not be required to teach these courses. The MD and MH endorsements will not be removed from teaching certificates. School districts will be free to assign any teacher to recreation and dance courses who provides evidence of professional development and holds a certificate for the grade level at which these courses are offered.</p> <p>Note: Dance is NO LONGER considered an NCLB core subject area.</p>
Health	MA	Health Sex Education Personal Hygiene	



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Physical Education	MB	Physical Education Physical Fitness Individual and team games: invasion (e.g. basketball, hockey, etc.) net/wall (e.g., tennis, handball, etc.) striking/fielding (e.g., baseball, kickball, etc.) target (e.g., golf, bowling, etc.) individual activities (e.g., weight training, outdoor, etc.)	
Recreation	MD	Outdoor Recreation (e.g., fishing, boating, orienteering, etc.)	<p>The MD endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year and will no longer be required to teach Recreation.</p> <p>The MD endorsement will not be removed from teaching certificates.</p> <p>School districts will be free to assign any teacher to this course who provides evidence of professional development a certificate for the grade level the course is offered.</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Dance	MH	Dance Folk Dance Jazz Ballet Modern Dance Square Dance Tap Ballroom Dancing 	<p>The MH endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year and will no longer be required to teach Dance.</p> <p>The MH endorsement will not be removed from teaching certificates.</p> <p>School districts will be free to assign any teacher to these courses who provides evidence of professional development and holds a certificate for the grade level at which these courses are offered.</p>
Library Media	ND	<p>Teachers with the ND endorsement can administer a school library and teach library/research skills to students. Teachers are also well-prepared to teach:</p> <p> Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet* </p>	<p>*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Environmental Studies	NJ	Environmental Studies	The NJ is no longer required to teach Environmental Studies. The NJ endorsement will not be removed from teaching certificates. School districts are free to assign any teacher to this course who provides evidence of professional development and holds a certificate for the grade level the course is offered.
Educational Technology	NP	<p>Individuals with the NP endorsement are prepared to utilize technology resources for their own course instruction and for student learning in courses for which they hold other endorsements. Teachers may also be well-prepared to teach:</p> <ul style="list-style-type: none"> Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet* 	*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.



Quick Reference: Courses That Can be Taught

Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Computer Science	NR	Computer Science Programming Computers Computer Literacy Keyboarding Word Processing Computer Applications Web Design Introduction to the Internet	<p>The NR endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year and will no longer be required to teach these courses.</p> <p>The NR endorsement will not be removed from teaching certificates.</p> <p>School districts will be free to assign any teacher to these courses who provides evidence of professional development and holds a certificate for the grade level at which these courses are offered.</p> <p>Additional guidance: Computer Science Courses</p>
English as a Second Language	NS	English as a Second Language (ESL) courses. Sheltered instruction** in all subjects according to certificate grade level and Michigan Merit Curriculum credit in areas of specialty endorsement (e.g., courses for social studies credit would be taught by a teacher endorsed in both social studies and ESL).	<p>**Sheltered instruction, where teachers use specific strategies to teach a specific content area (e.g., social studies or math) in ways comprehensible to the students while promoting their English language development.</p> <p>The NS endorsement is not authorization to teach in a bilingual classroom.</p>



Quick Reference: Courses That Can be Taught

Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
School Counselor	NT	Career Exploration Career Choices Guidance Diversity Group Analysis Post-Secondary Options Crisis Intervention Comprehensive Guidance and Counseling College and Career Ready	<p>Teachers with the NT endorsement, holders of the Preliminary Employment Authorization to work as a School Counselor, Temporary School Counselor Authorization, and School Counselor License all can serve as school guidance counselors.</p> <p>However, holders of the Temporary School Counselor Authorization, and School Counselor License cannot teach these courses as teacher of record. They can otherwise serve in the full capacity of a school counselor.</p>
Fine Arts	OX	Fine Arts Introduction to the Visual Arts Introduction to General Music Interdisciplinary Arts Arts Exploratory Introduction to Theatre	<p>The OX endorsement is being discontinued beginning with 2017 summer programs and the 2017-2018 school year. The OX endorsement will not be removed from teaching certificates and teachers with the OX can still be assigned to teach these courses.</p>
Humanities	PX	Humanities	<p>The PX is no longer required to teach Humanities. The PX endorsement will not be removed from teaching certificates. School districts are free to assign any teachers to this course who provide evidence of professional development and holds a certificate for the grade level the course is offered.</p>



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Academic Study of Religions	PR	Academic Study of Religions World Religions	The PR is no longer required to teach Academic Study of Religions. The PR endorsement will not be removed from teaching certificates. School districts are free to assign any teacher to this course who provides evidence of professional development and holds a certificate for the grade level the course is offered.
Philosophy	PS	Philosophy	The PS is no longer required to teach Philosophy. The PS endorsement will not be removed from teaching certificates. School districts are free to assign any teacher to this course who provides evidence of professional development and holds a certificate for the grade level the course is offered.
Cognitive Impairment*	SA	Resource Room Program for Cognitive Impairment (mild, moderate, or severe)	* Highly Qualified (HQ) requirements remain in effect until further notice from the State Superintendent . Teachers with special education endorsements can currently teach the entire K-12 curriculum to all special education students, as approved by the local school board and intermediate school district, provided the teacher has satisfied the NCLB
Speech & Language Impairment*	SB	Resource Room Program for Speech & Language Impairment (must be elementary certified) (Rule 1756) Speech & Language Services	
Physical or Other Health Impairment*	SC	Resource Room Program for Physical or Other Health Impairment	



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Emotional Impairment*	SE	Resource Room Program for Emotional Impairment	<p>and Individuals with Disability Impairment Act of 2004 (IDEIA 2004) requirements for a HQ teacher in core academic areas for which they provide the direct instruction.</p> <p>All Michigan special education teachers are certified to teach in special education K-12 classrooms regardless of the grade level indicated on their certificate.</p> <p>A teacher currently certified and endorsed with Deaf and Hard of Hearing (SL), AND able to demonstrate an American Sign Language (ASL) proficiency level of at least Intermediate Plus on the SLPI or 3 on the ASLPI, can teach ASL at the grade levels indicated on their certification (K-12) per the May 14, 2015 memo.</p>	
Visual Impairment*	SK	Resource Room Program for Visual Impairment		
Deaf and Hard of Hearing*	SL	Resource Room Program for Deaf and Hard of Hearing		
Learning Disabilities*	SM	Resource Room Program for Learning Disabilities		
Physical Education for Students with Disabilities*	SP	Physical Education for Students with Disabilities		
Autism*	SV	Resource Room Program in Autism		
Technology and Design	TX	Technology and Design Technology Education Concepts of Technology Physical Technology Energy & Power Technologies Transportation Technologies Manufacturing Technologies Construction Technologies	Information Technology Bio-Related Technology	<p>The TX and IX were integrated into the TE endorsement April 12, 2011.</p> <p>The TX endorsement will not be removed from teaching certificates.</p>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Industrial and Technology Education	TE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Industrial Technology Drafting/Computer Assisted Design Woods, Metals, and Plastics Technologies Graphic Arts Automotive and Small Engine Technology Technology and Design Technology Education Concepts of Technology Physical Technology Energy & Power Technologies Transportation Technologies Manufacturing Technologies Construction Technologies</p> </div> <div style="width: 45%;"> <p>Manufacturing Construction Electricity/Electronics Industrial Arts Transportation Communication Power and Energy Technology Education Information Technology Bio-Related Technology</p> </div> </div>	<p>These courses may also be taught by holders of the Standard CTE Certificate or Professional CTE Certificate with the corresponding CIP code for the course. For guidance on matching CIP codes with industrial technology courses, refer to the complete list of State-Recognized Secondary Career and Technical Education Program CIP Codes.</p> <p>When a certified teacher is not available, schools may obtain either a permit or an annual authorization to employ a non-certified individual to staff these courses.</p>
Career and Technology Education (CTE)	VA-VZ	<p>“V Codes” on Standard, Professional or Advanced Professional Teaching Certificates are <i>indicators</i> that the individual also holds a corresponding Standard, Professional, or Advanced Professional CTE certificate. Teachers with VA through VZ endorsement codes are not authorized to teach in a state approved CTE funded program without a valid Standard CTE or Professional CTE Certificate with the CIP code designated for the program. For proper placement in a CTE course refer to the complete list of State-Recognized Secondary Career and Technical Education Program CIP Codes.</p> <p>When a certified teacher is not available, schools may obtain either an annual authorization or a Daily Substitute Permit to employ a non-certified individual to staff these courses.</p>	<p>Holders of the Standard CTE Certificate or Professional CTE Certificate with CIP codes may be assigned to teach corresponding courses outside of state approved CTE funded programs as well. For guidance on matching CIP codes with industrial technology courses that may be offered in general education settings, refer to the complete list of State-Recognized Secondary Career and Technical Education Program CIP Codes</p>



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Bilingual	YA-YT	<p>Subjects for which the teacher holds specific content endorsement(s) at the level of certification, taught in English and the language of the bilingual endorsement.</p> <p>Native language literacy.</p> <p>ESL courses at the level of certification.</p> <p>Sheltered instruction** in all subjects according to certificate grade level and Michigan Merit Curriculum credit in areas of specialty endorsement (e.g., courses for social studies credit would be taught by a teacher endorsed in both social studies and bilingual).</p>	<p>**Sheltered instruction, where teachers use specific strategies to teach a specific content area (e.g., social studies or math) in ways comprehensible to the students while promoting their English language development.</p> <p>The YL Bilingual Other endorsement is being discontinued beginning with the 2017-2018 school year. The YL endorsement will not be removed from teaching certificates and teachers with the YL can still be assigned to teach the bilingual language indicated.</p>
Middle School	ZD	5-8 all subjects	<p>Middle School (ZD) endorsement expands the older 7-8 all subjects to 5-8 all subjects. This endorsement is rare but does exist. ZD has been discontinued and no new endorsements of this type can be added. The ZD endorsement will not be removed from teaching certificates</p> <p>Additional Guidance: Middle School Endorsements</p>



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Middle Level Specialization	ZL		<p>Middle Level Specialization (ZL) endorsement expands the 6-12 subject endorsements to 5-12 subject endorsements. It does not expand the 7-8 all subjects' endorsement. That specific designation remains only 7-8 in this situation.</p> <p>Additional Guidance: Middle School Endorsements</p>