

Alex is a 17-year-old senior who lives at home with his mother. Alex spends most of his school day in classrooms with peers without disabilities, receiving academic or social supports, as identified in his IEP. He is in classes with only peers with disabilities for two of the seven period school day. He receives instruction in behavior, communication, and organizational strategies to support his academic course work during these two periods (right before lunch and at the end of the day). Alex's mother advocated for the timing of these support classes, based on Alex' anxiety around changes in the routine (lunch, bus-ride home). According to teacher reports and curriculum-based assessments, Alex reads grade-level texts independently, but he has deficits in reading comprehension, making inferences, and oral expression. He has successfully completed Math 1 and 2, is currently making an A in High School Statistics and will take Business Math during his final semester of his senior year. Based on results of the WISC-IV, Vineland Adaptive Behavior Scale, and the CARS, Alex qualified for special education services since the second grade and has a diagnosis of autism spectrum disorder. The Vineland Adaptive Behavior Scales was readministered when Alex was in middle school and indicated below average skills in the areas of communication and socialization, but his daily living and motor skills are age-appropriate. Alex has earned mostly Bs and Cs in school. Alex has met state testing graduation requirements and is on track to graduate at the end of this year.

During the spring of his junior year, Alex participated in a work experience at an office supply retail store, focusing on data entry and spreadsheet development tasks. Recently, that experience turned into a paid part-time position! He has told his job coach, teacher, and mom that he wants to continue working in this setting, and that he likes his job. According to an O*Net Career Interest Inventory, Alex may like this job because of the structure and routine nature of his tasks. Alex demonstrated moderately strong interest categories of retail and information technology. His responses aligned with specific interests with clerical work, not customer service. Alex's primary work responsibility is entering numerical data to track stock and services rendered by store staff. Alex has polite and appropriate interactions with his coworkers. Also, he is diligent and methodical with tasks and double checks his data entry several times before entering the next set of data. Alex is punctual, but he is anxious about leaving work at the end of his shift if his task is incomplete, even with permission and encouragement to pick back up with the task when he returns. His favorite part of working is receiving a paycheck. He enjoys spending money on fast food and renting movies. During free time, Alex prefers to spend time alone watching movies, playing video games, or using his computer according to his employer and his mother's pre-IEP discussion with his teacher.

Alex receives weekly on-the-job support from a vocational rehabilitation (VR) provided job coach. Alex prefers working independently, but he understands how his job coach helps. However, Alex's mother shared concerns that job coaching services are time limited. She further explained that Alex will likely need job coaching supports when new tasks or responsibilities are assigned. She explained that she wants to learn how to access job coaching supports for Alex after high school, since his current services were setup due to a partnership between the school and VR for students while still in school. Alex has shared on his school's transition survey that he is afraid of his boss. On his transition survey he wrote that he's afraid his boss will fire him. On his job coach-developed employment self-evaluation, Alex rated his interactions with his boss as the lowest score. However, Alex's boss reports that he is a dependable, accurate employee. During one class about employment, Alex learned that bosses can fire employees. Alex perseverates on this fact, which causes him to avoid his boss.

Instead of communicating directly with his boss with questions, Alex speaks with his job coach when she visits once per week. On the worksite observation evaluation form, Alex's boss did note a concern: if a job coach is not present, Alex may not communicate emergency situations. Alex's boss documented on his work evaluation form that Alex is a "valued employee." Furthermore, his boss documented that the store "is willing to provide opportunities for Alex to develop his communication skills." Alex's boss also documented on the work evaluation form that she would like to provide additional hours for Alex after high school, if he further develops his business and communication skills. When completing the career interest inventory with his teacher, Alex told him that he would like to learn more about business management and finance; but is not sure how to do that.

Alex's case manager is also his work program coordinator and special education teacher. Like Alex's boss and job coach, he noted that he would like to see Alex generalize his communication skills to work settings with more individuals. His general education PE noted similar areas of need on his pre-IEP goal update form. On the transition survey, Alex identified that he would like to live with a pet dog within five years after graduating from high school.

Age	17 years old		
Disability	Autism spectrum disorder		
Placement	Mostly general education courses		
	 Receives special education services in two courses 		
Strengths	Reads grade-level texts independently		
	Earned mostly As and Bs		
	Has paid part-time employment		
	 Appropriate interactions with coworkers 		
	 Diligent and methodical with tasks 		
	"valued employee"		
	Understands how his job coach helps		
	Average daily living and motor skills		
	Punctual for work		
	Willing to stay late at work		
	Double checks data entry		
Interests	Clerical-type employment with current job		
	Watching movies		
	Playing video games		
	Using his computer		
Preferences	Spending time alone		

	Working and completing tasks independently		
	Routine and structured tasks		
Needs	Supports learning new job tasks		
	 Access job coaching supports after high school 		
	Strategies to communicate with his boss		
	Postsecondary Vision Transition Assessment Documentation		
Alex	 Confidently communicating with boss Keeping job after graduation Working with computers in a retail setting after high school, hopefully at his current place of employment Living independently Caring for a pet dog School transition survey Interview O*Net career interest inventory IEP meeting documentation School-created employment self-evaluation 		
Alex's Mother	 Accessing job coaching supports after high school Alex learning new job-related tasks Connecting with vocational rehabilitation Parent survey Pre-IEP meeting phone call IEP meeting documentation 		
Additional Assessment Data	 Met state testing graduation requirements Based on the Vineland Adaptive Behavior Scales, Alex has below average skills in the areas of communication and socialization, but his daily living skills and motor skills are age-appropriate 		

Present Levels of Academic Achievement and Functional Performance (PLAAFP)

Academics: Alex receives special education services for autism spectrum disorder (WISC-IV). Alex receives core and elective content instruction in classrooms with his peers without disabilities with academic and social supports. Because Alex needs to further develop these skills, Alex benefits from <u>academic, social, and behavioral strategy instruction in a self-</u> <u>contained setting two periods each day</u>. Alex reads grade-level texts independently but has difficulty with <u>reading comprehension, making inferences, and oral expression</u> (Curriculumbased assessments and teacher reports). He has successfully completed Math 1 and 2 and will take business Math as a permitted substitution for graduation, in lieu of pre-calculus. He has continued earning mostly As and Bs in his courses. Alex has met state testing requirements for graduation.

Functional: Alex has competitive part-time employment at a local office supply store, where is punctual and a "valued employee" (work evaluation). Alex receives job coaching services through a partnership between his school and vocational rehabilitation services one time per week. Alex's current job is a good fit because of his interests and skills with computers and independent work environments (career interest inventory). Alex wants to stay at his current job after graduation (interview). Alex has average daily living and motor skills, and he has below average communication skills (Vineland Adaptive Behavior Scales). <u>His boss and job coach have</u>

documented that Alex needs to develop his workplace communication skills, especially with his boss (work evaluation). Furthermore, Alex's boss wants Alex to stay after graduation, but Alex will need to develop additional advocacy, computer, and communication skills to earn more hours.

Formula for writing a postsecondary goal:

(After High School) , (Student) will (behavior) where and how (After graduation) (Upon completion of high school)

Formula for writing an annual goal that supports the postsecondary goal:

Given <u>condition</u>	(student)	will (behavior)	(criteria)	(time frame)
(teaching strategies)			e.g., 3 out 4 times	(by June 20)
e.g., direct instruction			80%	
modeling				
peer tutoring				

Indicator 13 Checklist Form A (Meets Minimum SPP/APR Requirements)

Percent of youth with IEPs aged 16 and above with an IEP that includes appropriate measurable postsecondary goals that are annually updated and based upon an age appropriate transition assessment, transition services, including courses of study, that will reasonably enable the student to meet those postsecondary goals, and annual IEP goals related to the student's transition services needs. There also must be evidence that the student was invited to the IEP Team meeting where transition services are to be discussed and evidence that, if appropriate, a representative of any participating agency was invited to the IEP Team meeting with the prior consent of the parent or student who has reached the age of majority. (20 U.S.C. 1416(a)(3)(B))

1. Is there an appropriate measurable postsecondary goal or goals that covers education or training,		
employment, and, as needed, independent living?		
Example: Education and Training	Non-Example: Education and Training	
 After graduation from high school, Alex will take business courses at his local community college. Upon graduation from high school, Alex will go to the local community center to participate in community-provided computer skill development courses. 	 Alex plans to take classes at his community college. Alex will enroll in the adult basic education classes to learn to be more independent with toileting, dressing, and feeding. 	

 Reasons for Examples Participation in postsecondary education is the focus of this goal. Enrolling in specific courses for skill development is acceptable, as long as it is based on documented students' interests, preferences, and strengths. Taking community college courses occurs after high school Oftentimes with education, goals are only written for traditional postsecondary education settings (e.g., community college or a four-year university). However, community-provided courses that will assist students with obtaining postsecondary goals are also effective and worth considering. 	 Reasons for Non-Examples "Plans" do not indicate something that must occur after high school. Plans are not observable or measurable. There is no indication that Alex should gain training after high school on these skills.
 Example: Employment After high school, Alex will work more hours at the office supply store. After completing business courses at Montgomery County Community College, Alex will be employed full time as a data administrator or other related field. 	 Non-Example: Employment After high school, Alex will work part-time at the office supply store After participating in community-provided computer skill development courses, Alex is thinking of taking additional community-provided courses.
 Reasons for Examples Focus of the goal statement is Alex's postsecondary employment. Goal states an outcome (working more hours, being employed full time in career path) that can be observed and measured. Outcome occurs after high school. Alex' long term employment goal is less specific than an immediate one, as he is likely to gain new interests and skills through his coursework. 	 Reasons for Non-Examples The first non-example goal does not reflect any change for Alex, so does not need to be indicated as a postsecondary goal. Adding "will keep his job" or "will increase his hours", if those are areas of need or interest could improve this goal statement "Plans" is not observable and measurable
 Example: Independent Living Within five years of graduating from high school, Alex will rent an apartment, which allows him to have a dog. After high school, Alex will advocate for his needs at work and MCCC. 	 Non-Example: Independent Living After high school, Alex will explore housing options and supports available to him in his community that allow pets. Alex will join a computer club.

• After high school, Alex will join a young adult computer club at MCCC or in his community.	
Reasons for Examples	Reasons for Non-Examples
Reflects data gathered through the transition	 Exploring housing options is an activity that
assessment process.	could happen during high school.
Goals are things Alex will do after graduation	 The second goal is not observable or
from high school.	measurable or measurable. The goal must
Goals are observable and measurable.	explicitly state that it occurs "upon graduation"
Goal supports Alex's interests, preferences,	or "after high school."
strengths, and needs.	
• It is acceptable for a postsecondary goal to be	
short term (immediately following high	
school) or long term. Alex has expressed a	
desire to live on his own eventually. However,	
like many young people he may not be ready	
financially or emotionally to do this	
immediately following high school, while	
taking community college courses.	
• Joining a computer club is an acceptable use	
of an independent living goal. Independent	
living is not only defined by these questions:	
1) Where will you live? and 2) With whom will	
you live? To provide a few examples,	
independent living may include community	
involvement, activities for enjoyment, and	
personal well-being. Alex likes computers, and	
his data assessment support that this would	
meet his interests, preferences, and strengths.	

2. Is (are) the postsecondary goal(s) updated annually?			
Example: Education and Training / Employment /	Non-Example: Education and Training /		
Independent Living	Employment / Independent Living		
 Postsecondary goals are identified in each required area and reflect current assessment data. 	 Alex's postsecondary goal is the same goal that was on his IEP his sophomore and junior year. 		
	Reason for Non-Example		
 Reason for Example The annual review of the postsecondary goal is clearly stated and updated in the PLAAFP in the IEP document. 	 No change to reflect current transition assessments (students evolving preferences, interests, strengths, and needs) 		

3. Is there evidence that the measurable postsecon	dary goal(s) were based on age appropriate
transition assessment?	
Examples	Non-Example
In the PLAAFP section of the IEP:	In the PLAAFP section of the IEP:
 Curriculum-based assessments 	Box checked that "interview" and "rating scale"
Teacher reports	were completed.
Work evaluation	
Career interest inventory	Reasons for Non-Example
 Student and parent interviews 	There is no indication of the results of
Vineland Adaptive Behavior Scales	these assessments to indicate how the data
Work Evaluation	support the development of postsecondary
	goals and related transition services and
Reasons for Examples	annual goals.
• It includes information gathered over time.	
• It reflects student strengths, interests,	
preferences, and needs	
 It considers present and possible future 	
environments, because the data relate	
logically with Alex's stated postsecondary	
goals.	
• The information is from multiple sources and	
places.	
• The data sources are age-appropriate.	
• The IEP documents both the completion of	
the assessments, and the results, so that the	
information can be used throughout the IEP.	

4. Are there transition services in the IEP that will reasonably enable the student to meet his or her		
postsecondary goal(s)?		

Examples: Education/Training	Non-Examples: Education/Training
 Schedule a meeting with a representative 	 Instruction on decoding
for FAFSA (guidance counselor and Alex by	 Instruction on math skills
3rd quarter of senior year)	
 Support filling out the FAFSA (FAFSA 	Reasons for Non-Examples
representative by 3rd quarter of senior	 No responsible agencies or timeframes
year)	listed
 Exploration of local community college to 	 Instructional supports not related to
take business courses (case manager by 4 th	disability or needs based on transition
quarter of senior year)	assessments.
 Assistance applying for college (case 	 Nothing relates to his postsecondary goals.
manager by 3 rd quarter of senior year)	

 Touring the local community college institutions and the campus's disability support services center (Alex and Alex's mother by 1st quarter of senior year) Update four-year plan to include opportunities relating to postsecondary goals (guidance counselor by 3rd quarter senior year) Schedule a meeting with college disability support services (outside agency representative and Alex 4th quarter senior year) Instruction on communication skill development (case manager by 3rd quarter of senior year) Direct instruction on reading comprehension strategies, making inferences, and oral expression (special education teachers by 3rd quarter of junior year) 	
 Reasons for Examples FAFSA supports, college program exploration, and touring colleges will support her reaching her postsecondary goals. Updated four-year plans are required by law but are also useful with helping students explore interests and developing self-awareness. It is documented he has difficulty with reading comprehension strategies, making inferences, and oral expression. Alex has autism spectrum disorder. 	
 Alex has autism spectrum disorder. Examples: Employment On-the-job communication skill development (Alex, Alex's boss, and Job coach by 4th quarter of senior year) Part-time employment (work program coordinator by 4th quarter senior year) Vocational rehabilitation referral to determine eligibility for ongoing job coaching supports (case manager and 	 Non-Examples: Employment Complete application for a four-year university Job shadowing at a hotel Reasons for Non-Examples No responsible parties or

 vocational rehabilitation counselor by 3rd quarter of senior year) Reasons for Examples Alex's postsecondary goal for education is to take business courses. Alex needs to improve communication skills with his boss. Because of Alex's autism spectrum disorder, he will likely qualify for vocational rehabilitation services, which could potentially pay for ongoing job coaching supports after high school. 	 timeframes listed Alex's postsecondary goal is to take courses at a community college, not at a four-year university Alex's postsecondary goals relate to his current job, not a hotel
 Example: Independent Living Money management instruction (case manager by 4th quarter) Self-advocacy instruction (guidance counselor by 2nd quarter) Reasons for Example Relevant to Alex's postsecondary goals Responsible parties and timeframes listed 	 Non-Example: Independent Living Money management instruction Self-advocacy instruction Reason for Non-Examples No responsible parties or timeframes listed

5. Do the transition services include courses of study that will reasonably enable the student to meet		
his or her postsecondary goal(s)?		
Example	Non-Example	
Years of courses listed, reflecting state's	For Alex's 12 th grade year, these courses are listed:	
graduation requirements and identifying the	1. Psychology	
following electives:	2. Art I	
1. Computer Applications	3. Calculus	
2. Math for the Workplace	4. PE	
3. Work Experience	5. Study Hall	
	6. Journalism	
Reasons for Example	7. Choir	
• Courses listed are relevant to the student's		
postsecondary goals	Reasons for Non-Example	
• Courses listed reflect the student's current and anticipated graduation date during 12 th	• Courses do not reflect adequate courses of study to meet Alex's postsecondary goals.	
grade.	 Courses do not reflect Alex's interests, strengths, or preferences for working in his current position. 	

6. Is (are) there annual IEP goal(s) related to the student's transition services needs?		
Example: Education and Training	Non-Example: Education and Training	

 Given direct instruction on inferences, Alex will infer authors' meanings in nonfiction texts earning a "meets expectations" or better for 3 out of 4 attempts based on teacher rubrics for 5 consecutive trials by the end of 4th quarter. Given direct instruction on oral expression, Alex will present information to the class earning a "meets expectations" or better on teacher rubrics for 3 out of 4 attempts for 5 consecutive attempts by the end of third quarter. Reasons for Examples Developing speaking and reading skills were both supported by transition data as areas of need for Alex. Goals support Alex's postschool aspirations. He will need reading comprehension and communication skills to be successful in postschool educational settings. Goals include a condition, measurable behaviors, criteria, and a timeframe. 	 Alex will give a speak to his classmates. Alex will make get better at reading comprehension. Reasons for Non-Examples Goals do not include all components, which are condition, measurable behavior, criteria, and timeframe. Speaking in front of classmates could potentially be related to his need for improving communication. However, this goal needs more specificity to align to his postsecondary goals. This goal does not include all four components: condition, measurable behaviors, criteria, and timeframe.
 Examples: Employment Given direct instruction on communicating with workplace bosses, Alex will greet his boss with an appropriate workplace greeting 4 out of 5 days per week for three consecutive weeks as measured by teacher rubrics by the end of the 4th school quarter. Given role play opportunities and direct instruction on communicating with boss during workplace emergencies, Alex will verbally state the emergency, tell the boss the help he needs, and will use a calm voice for 4 out of 5 trials for three consecutive weeks. 	 Non-Examples: Employment Alex will talk with his boss about emergencies that occur at work. Alex will ask his boss questions at work Reasons for Non-Examples Again, these goals do not reflect the required four components for compliant goals: condition, measurable behavior, criteria, and timeframe. The first goal assumes many emergencies happen at work; hopefully that is not the case. Furthermore, there is an assumption that Alex has the skills necessary to advocate. We know that he struggles with communicating with his boss. Thus, we
Reasons for ExamplesThis relates to Alex's current	should have him practice mock situations to help him develop his skills.

postsecondary goals and needs he has related to those goals.Goals include a condition, measurable	 The second question has the potential of being a meaningful goal. However, this goal must include all four components to ensure
behaviors, criteria, and a timeframe.	that it aligns to his postsecondary goals.
Example: Independent Living	Non-Example: Independent Living
 Given direct instruction on self-advocacy, Alex will request help, an item, or for a 	Alex will ask for help.
break 4 out of 5 days per week for three	Reason for Non-Example
consecutive weeks as measured by teacher rubrics by the end of the 4 th school quarter.	 These goals do not reflect the required four components for compliant goals: condition, measurable behavior, criteria, and
quarter.	timeframe.
Reasons for Example	
 This relates to Alex's current needs to be successful in adult life. 	
 Goal includes an effective condition, measurable behavior, criteria, and a timeframe. 	

7. Is there evidence that the student was invited to the IEP Team meeting where transition services were discussed?	
Example	Non-Example
 Notification of conference including Alex as an invitee. 	 Alex's signature on the IEP
	Reasons for Non-Examples
 Reasons for Examples There are multiple pieces of evidence (data/documentation) that Alex was invited to the IEP meeting where transition services 	 There is no evidence that the student was invited to the IEP meeting where transition services would be discussed. Attending the IEP does not indicate that Alex

was invited prior to the IEP, as required by law.

8. If appropriate, is there evidence that a representative of any participating agency was invited to the IEP meeting with the prior consent of the parent or student who has reached the age of majority?

would be discussed.

Examples	Non-Example
• A consent form signed by Alex's mom and Alex indicating that the LEA may contact the disability convices office at the community	• Alex verbally stated that he wanted to speak with people from outside agencies.
 disability services office at the community college of his choice. An invitation to the conference in Alex's file, which was mailed to an individual in the disability services office of the community college where Alex wants to attend, vocational rehabilitation counselor, and local housing authority representative. 	 Reasons for Non-Examples If services are being provided and paid for that agency must be invited to attend the meeting and documentation of consent (parent or student if age of majority) evident, but no consent was documented. Verbal report from student is not proof of
 Reasons for Examples Parental consent or student consent, if age of majority, is required to contact any adult agencies and release student information, which was provided. An invitation documents that a representative from Disability Services of the college was invited to attend the meeting. 	participation from outside agency or consent for participation.

This document was developed by The National Technical Assistance Center on Transition (NTACT), Charlotte, NC, funded by Cooperative Agreement Number H326E140004 with the U.S. Department of Education, Office of Special Education and Rehabilitative Services (OSERS). Opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Department of Education. OSEP Project Officer: Dr. Selete Avoke. RSA Project Officer: Kristen Rhinehart-Fernandez. This product is public domain. Authorization to reproduce it in whole or in part is granted. While permission to reprint this publication is not necessary, the citation should be: National Technical Assistance Center on Transition (2018). *Indicator 13 Training Materials: Case Studies.*

IDEAs)

U.S. Office of Special Education Programs