## **YOUR** Major Action Plan: Physics



What is YOUR passion?	-	1st YEAR	2nd YEAR
Astronomy  Medicine  Medical Physics  Law	YOUR Target Courses	- Complete at least 30 credit hours, including CHGP 1100, MATH 2413, MATH 2414, PHYS 2425, and PHYS 2426 See Staff or Faculty Academic Advisor to discuss your desired major and concentration, Grade Point Average (GPA) requirements, <u>Academic Advising Guide</u> , and file your degree plan If MATH 2414 is not completed by the end of year 1, it is strongly recommended that you complete summer courses to stay on track.	- Complete at least 30 credit hours See Faculty Advisor to discuss support field, minors, and double major options.
Dentistry			
Pharmacy Optometry	Find <b>YOUR</b> Way	<ul> <li>- Undecided about your major? Want to learn more about different career options? Take advantage of <u>career counseling and career assessments</u> through Career Services.</li> <li>- Explore student groups and organizations in your major or area of interests through <u>TexanSync</u>.</li> <li>- Attend <u>Study Skills</u> sessions for additional assistance with acclimating the first year.</li> </ul>	<ul> <li>Explore available <u>Applied Learning Experiences</u> (ALE) such as internships, research, study abroad, service learning or leadership experiences.</li> <li>Explore participating in undergraduate research opportunities with your Faculty Advisor.</li> <li>Check out some of the following opportunities:</li> </ul>
Nuclear Engineering		Attend or use Academic Resource Center Coaching, Math Clinic, tutoring options, and Writing Center.      Know the FAFSA deadlines each year.      Seek help from Student Counseling Center for home sickness, depression or other.	<ul> <li>Tarleton's Society of Physics Students</li> <li>Tarleton Aeronautical Team</li> <li>American Physical Society</li> <li>American Association of Physics Teachers</li> </ul>
Bioengineering		issues Feeling ill? Visit <u>Student Health Services</u> for physical health related concerns.	Attendan Association of Physics Teachers
Financial Analyst	$\overline{\infty}$	- Start researching the marketable skills that employers are seeking.	- Seek out volunteer opportunities in your area through Volunteer Match or United Way to give back to
Software Analyst Teaching	Sharpen <b>YOUR</b> Skills	- Get involved in <u>Service Day</u> and Tarleton Roundup.  - Apply to be a <u>Residential Leader</u> (RL) or Tarleton Transition Mentor (TTM)  - Schedule a meeting with a department representative to explore study away and study	the community and build marketable skills for future employment.  - Get more familiar with events offered by The Office of Diversity and Inclusion ,Fine Arts Center for
Programming		abroad experiences and department-sponsored service learning projects offered by your major Run for Freshman Representative Council with SGA (Student Government Association).	cultural and diversity awareness Participate in <u>Alternative Spring Break</u> Run for <u>Student Government Association.</u>
Quantum Computing		<ul> <li>Look into <u>Greek Organizations</u> to build networks and community.</li> <li>Utilize available <u>Course Materials (Lecture, Notes)</u></li> </ul>	
Systems Analyst	YOUR Next Steps	- Check out part-time jobs in <u>Career Services employment system</u> to gain work experience for your resume.  - Attend job and graduate school fairs to explore possible future opportunities. Make a good first impression with your attire.  - Investigate the type of lifestyle, salary and occupation you would like to have through Texas <u>Reality Check</u> tool (powered by Texas Workforce Commission).  - Learn more about your student loan debt, budgeting and much more through <u>SALT</u> .	<ul> <li>Explore <u>career opportunities</u> within a major.</li> <li>Ask <u>Career Services</u> how to conduct a job shadow.</li> <li>Convert your high school resume into a pre-professional <u>resume</u>.</li> <li>Get to know your instructors to establish professional references and explore research opportunities.</li> <li>Create your online portfolio through <u>Portfolium</u>. Consult with Career Services or your Faculty Advisor on items to include.</li> </ul>

## **YOUR** Major Action Plan: Physics



What is YOUR passion?		3rd YEAR	4th YEAR
Companies that have hired Tarleton Physics Graduates:	YOUR	- Complete at least 30 credit hours See your Faculty Advisor to discuss Minor and Double Major options in related fields.	- See your Faculty Advisor to ensure you are meeting graduation requirements Complete remaining credit hours.
Texas Instruments			
National Labs	Target Courses		
Lockheed Martin	urses		
Motorola			
Bell Helicopter	Find	Visit with a faculty advisor/mentor within your area of interest to explore student opportunities specific to your major.	- Contact your Faculty Advisor to discuss presenting at undergraduate research symposiums Get involved with Texas Undergraduate Research Day.
Academia	70	<ul> <li>Conduct informational interviews and talk to professionals working in your fields of interest.</li> <li>Learn more about potential <u>career opportunities</u> for physics graduates and hear stories of</li> </ul>	- If you plan to pursue a graduate degree, take the GRE Physics Subject Exam (September/October) and GRE General Exam If you plan to pursue a graduate degree, apply to graduate school by December.
Intuit		actual graduates. - Explore and apply for summer Research Experiences for Undergraduates (REU).	in you plain to parous a graduate degree, apply to graduate contourby becomes.
Naval Air Warfare Center	Way	- See your Faculty Advisor about Graduate School opportunities  -Take part in the Official Ring Ceremony.	
Raytheon Missile Systems	S		
TX Department of Health Services	Sharpen <b>YC</b>	<ul> <li>Consider taking on leadership roles within your student organizations and clubs.</li> <li>Explore volunteer opportunities in your area through <u>All For Good</u>.</li> <li>Need to get more experience and skills? Check out <u>CareerOneStop.org</u> sponsored by the US Department of Labor.</li> <li>Explore internship opportunities with a faculty mentor or advisor for your concentration</li> </ul>	<ul> <li>Participate in an internship with the direction of your faculty mentor or advisor. Suggested resources for internships can be found in the <u>Career Service's employment system</u> or the <u>College Internship</u> <u>Program's website</u>.</li> </ul>
Scott & White Hospital	ママー ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・	area. - Become an <u>Academic Resource Center– Coach Leader</u> (ARC-C Leader)	
KAB Laboratories	Skills		
Modern Technology Solutions		- Meet with a Career Services staff member to plan your job-search campaign, schedule mock interviews, resume critiques, and a <u>Business Etiquette Dinner</u> .	- <u>File for GRADUATION!</u> - Update your resume in <u>Career Service's employment system</u> , Portfolium and LinkedIn.
National Oceanic & Atmospheric Administration Explore more occupations and occupation groups through the Occupational Outlook Handbook powered by the Bureau of Labor and Statistics.	YOUR Next Steps	- Consider graduate school and application deadlines or employment.	- Research potential employers, seek out networking opportunities, apply for available positions, and prepare for potential interviews.  - Compile reference letters, awards, etc Attend job fairs and dress professionally Consider and review various job offers, if necessary, review information needed to negotiate a salary Graduate! Congratulations! - Join the Tarleton Alumni Association to stay connected to the University. BLEED PURPLE!