

CSE 291: Computer Science as a Profession (1 credit)

147 Communication Arts Building
10:20-11:10 am

Instructor: Teresa Isela VanderSloot, 3201 Engineering Building
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Office Hours: M/TH 1:30 – 4:00

Course Objectives:

- Explore various career options in the field of computing
- Explore personal, academic and career development
- Orientation to MSU and the CSE major
- Network with other CSE students

Course Requirements / Grades

Attendance is mandatory. Students are allowed one unexcused absence. Two unexcused absences may result in a failing grade. Your utmost respect and consideration is requested for our guest presenters; strive to arrive 5 minutes early.

Time Management – (10 points) Develop a time management weekly schedule. Include a 40 hour class/study plan. Due Date: September 7th

Resume (20 points)

If necessary, attend a resume workshop sponsored by the College of Engineering Career Services. Develop a resume. Have at least two professionals review your resume. Be sure to have them sign their name on the drafts they critique. Turn in your polished resume along with signed drafts. Due date: September 28th

Academic Plan- (10 points) Develop a 4-5 year academic plan for computer science. Turn in to your Advisor during your appointment, which must take place prior to October 31st.

Career Plan- (10 points) Develop plan which includes experiences you hope to gain while at MSU. Refer to the CSE Student Learning Model. Turn in to Advisor during appointment, which must take place prior to October 31st.

Advisor 1:1 Meeting- (20 points) Schedule a meeting with Advisor before October 31st to discuss your Academic and Career plan. Go to the following site to schedule an appointment : <https://ntweb11.ais.msu.edu/aas/>, or you can stop in during scheduled office hours.

Networking Assignment (2 individuals to a team) (20 points)

If you'd like to interview an alum and will need assistance finding someone, be sure to request assistance two weeks prior to the due date, which is October 19th.

Option 1: Track the career path of a computer science graduate and/or computer science professional who has been employed for over 10 years. Prepare a chronological timeline of their career, with detailed description of various milestones in their career.

Option 2: Identify two computer science graduates and/or computer professionals, each of whom pursued different careers. Prepare a description of their career when they started and at five years.

Dream Job Paper (10 points)

Do on-line research on your desired (dream) job and write a one page paper. Include expectations, experience and skills necessary to prepare for your desired position. Due date: November 16th.

COURSE CALENDAR

- August 31: Course overview
- September 7: CSE student panel
Due: Time Management Plan
- September 14: Crowe Chizek, Kevin Ohl, Project Executive Partner, Crowe Chizek
- September 21: College of Engineering Career Services
- September 28: Career Gallery Preparation
Due: Resume
- October 5: TBA
- October 12: Ford Motor Company- "Information Technology"
- October 19: Spartan Internet Consulting, Ryan Vantogian – "Entrepreneurship"
Due : Dream Job Paper
- October 26: MSU, Patty Croom- "Higher education"

***October 31st- Due dates for academic and career plans**
- November 2: TBA
- November 9: IBM, Louise Hemmond-Wilson- "Large Corporation Job Opportunities"
- November 16: TechSmith Incorporation- "Learning New Technologies"
Due: Networking Assignment
- November 30: CSE Graduate Student Panel - "Graduate School"
- December 7: Motorola, Kabe Vanderbaan- Senior Research Engineer